

IOWA AGRICULTURAL STATISTICS

Compiled and Issued by

IOWA CROP AND LIVESTOCK REPORTING SERVICE

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IOWA DEPARTMENT OF AGRICULTURE
Robert H. Lounsberry, Iowa Secretary of Agriculture
State Capital
Des Moines, Iowa 50309

and

U.S. DEPARTMENT OF AGRICULTURE
Statistical Reporting Service
William E. Kibler, Administrator
Washington, D.C. 20250

June 1982

Iowa Department of Agriculture

R. H. LOUNSBERRY
SECRETARY OF AGRICULTURE



THATCHER JOHNSON
DEPUTY SECRETARY OF AGRICULTURE

HENRY A. WALLACE BUILDING
DES MOINES, IOWA 50319

June 1982



Dear Friends:

The Iowa Department of Agriculture is proud to present to you the "1982 Iowa Agricultural Statistics." This publication contains information on Iowa's greatest industry--agriculture. This summary is the result of the continuing cooperation between farmers and agribusinessmen of the state of Iowa.

Farming is such an integral part of the national and world economy that it cannot function effectively without reliable information on which planning and marketing decisions can be based. Americans spend less than one sixth of their income, after taxes, for food, much lower than most countries of the world. The agricultural production, processing and marketing system

serves the American consumer efficiently and with variety. In 1981, the exports of food staples from Iowa farms were the largest of any state. This helps in generating income for the state and assists with the balance of payments on the national level.

The Department of Agriculture works with farm organizations and individual commodity groups in making Iowa, U.S. and foreign customers aware of the fine quality and quantity of food and fiber available. The farmer must become an efficient marketer to realize full value of product. One of the functions of the Iowa Crop and Livestock Reporting Service is to provide to the producer the statistical data which will help make the marketing decisions based on facts and not rumors. Accurate and unbiased information is an essential ingredient in having everyone in the production/marketing chain (producers, buyers, processors and marketing firms) informed to make wise business decisions which ultimately benefit the farmer who is the main source of the data.

Sincerely,

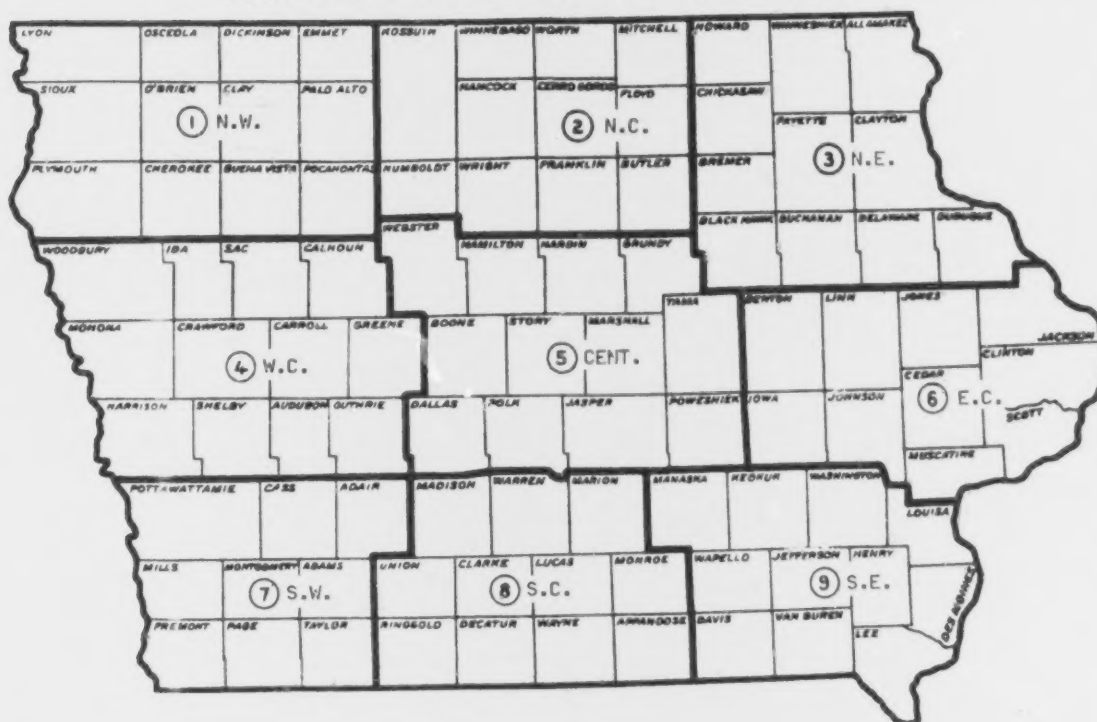
A handwritten signature in cursive script that reads "Robert H. Lounsberry".

Robert H. Lounsberry
Iowa Secretary of Agriculture

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IOWA COUNTIES AND CROP REPORTING DISTRICTS



Iowa is divided into nine crop reporting districts for convenience in compiling and presenting statistical information on crops and livestock. These nine districts are outlined on the above map. The districts are designated as follows: Northwest (NW), West Central (WC), Southwest (SW), North Central (NC), Central (C), South Central (SC), Northeast (NE), East Central (EC), and Southeast (SE). In tables showing statistical information by counties in this bulletin, counties within each district are grouped together in alphabetical order. Totals and averages are shown for each district.

Following is an alphabetical list of counties showing crop reporting districts in which each county is located:

Adair	SW	Davis	SE	Jefferson	SE	Pocahontas	NW
Adams	SW	Decatur	SC	Johnson	EC	Polk	C
Allamakee	NE	Delaware	NE	Jones	EC	Pottawattamie ...	SW
Appanoose	SC	Des Moines ...	SE	Keokuk	SE	Poweshiek	C
Audubon	WC	Dickinson	NW	Kossuth	NC	Ringgold	SC
Benton	EC	Dubuque	NE	Lee	SE	Sac	WC
Black Hawk	NE	Emmet	NW	Linn	EC	Scott	EC
Boone	C	Fayette	NE	Louisa	SE	Shelby	WC
Bremer	NE	Floyd	NC	Lucas	SC	Sioux	NW
Buchanan	NE	Franklin	NC	Lyon	NW	Story	C
Buena Vista ...	NW	Fremont	SW	Madison	SC	Tama	C
Butler	NC	Greene	WC	Mahaska	SE	Taylor	SW
Calhoun	WC	Grundy	C	Marion	SC	Union	SC
Carroll	WC	Guthrie	WC	Marshall	C	Van Buren	SE
Cass	SW	Hamilton	C	Mills	SW	Wapello	SE
Cedar	EC	Hancock	NC	Mitchell	NC	Warren	SC
Cerro Gordo ...	NC	Hardin	C	Monona	WC	Washington	SE
Cherokee	NW	Harrison	WC	Monroe	SC	Wayne	SC
Chickasaw	NE	Henry	SE	Montgomery ...	SW	Webster	C
Clarke	SC	Howard	NE	Muscatine ...	EC	Winnebago	NC
Clay	NW	Humboldt	NC	O'Brien	NW	Winneshiek	NE
Clayton	NE	Ida	WC	Osceola	NW	Woodbury	WC
Clinton	EC	Iowa	EC	Page	SW	Worth	NC
Crawford	WC	Jackson	EC	Palo Alto	NW	Wright	NC
Dallas	C	Jasper	C	Plymouth	NW		

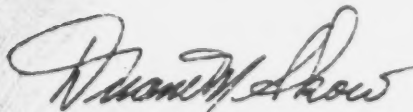
GENERAL INFORMATION

The "1982 Iowa Agricultural Statistics" includes the latest information on agriculture in Iowa. It continues the series started in 1974. In general, this report shows county estimates for 1980 and 1981 and State data for the last five years.

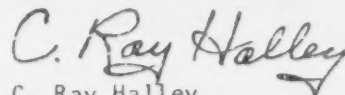
The mission of the Iowa Crop and Livestock Reporting Service remains the same as in the past--to provide reliable, timely agricultural estimates by using statistically sound sampling and estimating procedures. This bulletin remains very similar to last year. However, it was necessary to delete the county estimates for marketing which are unavailable since the State Farm Census was not conducted in 1981 but will again be in the 1983 bulletin. There are also other segments of Iowa's agricultural sector where information has been requested but limited resources preclude those as well.

The magnitude and value of Iowa's agriculture is presented in this publication and is made possible through the cooperation of farmers and agribusinesses that provide the basic agricultural data for this and other continuing reports published throughout the year. Both the farmers and agribusinessmen are to be commended for providing this data on a voluntary basis.

Contribution to these reports would not be complete without an expression of appreciation to the technical and support staff for their devoted service.



Duane M. Skow
State Statistician



C. Ray Halley
Assistant State Statistician

Farms: Number, Land In Farms, Average Size, By County, Iowa, 1981

County and district	Number of farms	Land in farms Acres (000)	Average size Acres	County and district	Number of farms	Land in farms Acres (000)	Average size Acres
Buena Vista	1,250	354.7	284	Marshall	1,230	346.3	282
Cherokee	1,180	359.4	305	Polk	1,230	260.7	212
Clay	1,030	348.1	338	Poweshiek	1,230	362.0	294
Dickinson	660	225.1	341	Story	1,140	333.6	293
Emmet	720	240.8	334	Tama	1,640	445.0	271
Lyons	1,390	367.2	264	Webster	1,280	425.1	332
O'Brien	1,240	354.7	286	<u>C District</u>	<u>15,300</u>	<u>4,324.0</u>	<u>283</u>
Osceola	820	245.4	299	Benton	1,460	435.6	298
Palo Alto	1,050	346.0	330	Cedar	1,270	351.2	277
Plymouth	1,890	540.5	286	Clinton	1,620	406.5	251
Pocahontas	1,150	358.4	312	Iowa	1,170	361.6	309
Sioux	1,920	469.7	245	Jackson	1,460	390.2	267
<u>NE District</u>	<u>14,300</u>	<u>4,210.0</u>	<u>294</u>	Johnson	1,390	336.8	242
Butler	1,520	355.7	234	Jones	1,370	358.0	261
Cerro Gordo	1,020	331.3	325	Linn	1,690	390.5	231
Floyd	1,130	307.7	272	Muscatine	930	251.0	270
Franklin	1,170	353.8	302	Scott	1,040	241.6	232
Hancock	1,220	353.9	290	<u>EC District</u>	<u>13,400</u>	<u>3,523.0</u>	<u>263</u>
Humboldt	860	267.6	311	Adair	1,080	359.6	333
Kossuth	1,330	608.4	315	Adams	740	266.7	360
Mitchell	1,030	291.9	283	Cass	1,070	348.7	326
Winnebago	880	246.0	280	Fremont	740	316.5	428
Worth	840	243.5	290	Mills	730	269.7	369
Wright	1,100	358.2	326	Montgomery	780	260.0	333
<u>NC District</u>	<u>12,700</u>	<u>3,178.0</u>	<u>293</u>	Page	1,050	328.5	313
Allamakee	1,190	380.7	323	Pottawattamie	1,930	561.1	291
Black Hawk	1,390	289.0	208	Taylor	980	337.2	344
Bremer	1,310	262.5	200	<u>SW District</u>	<u>9,100</u>	<u>3,048.0</u>	<u>335</u>
Buchanan	1,500	348.9	233	Appanoose	1,060	290.0	274
Chickasaw	1,170	309.2	264	Clarke	700	265.4	379
Clayton	1,850	456.0	246	Decatur	820	329.1	401
Delaware	1,500	350.5	234	Lucas	830	263.0	317
Dubuque	1,710	352.5	206	Madison	1,280	354.0	277
Fayette	1,810	443.9	245	Marion	1,270	309.3	244
Howard	1,070	291.0	272	Monroe	830	266.4	321
Winneshiek	1,800	421.8	234	Ringgold	840	339.3	404
<u>NE District</u>	<u>16,300</u>	<u>3,906.0</u>	<u>240</u>	Union	710	262.1	369
Audubon	980	281.5	287	Warren	1,400	347.3	248
Calhoun	1,120	348.3	311	Wayne	860	322.1	375
Carroll	1,320	353.6	268	<u>SC District</u>	<u>10,600</u>	<u>3,348.0</u>	<u>316</u>
Crawford	1,620	449.6	278	Davis	1,100	311.3	283
Greene	1,050	352.7	336	Des Moines	800	218.4	273
Guthrie	1,120	369.4	330	Henry	990	260.7	263
Harrison	1,240	429.7	347	Jefferson	1,020	266.3	261
Iowa	890	273.1	303	Keokuk	1,180	356.3	302
Monona	1,000	426.8	427	Lee	1,130	295.8	262
Sac	1,110	358.1	323	Louisa	730	236.3	324
Shelby	1,220	370.2	303	Mahaska	1,370	353.8	258
Woodbury	1,830	516.0	282	Van Buren	980	295.2	301
<u>WC District</u>	<u>14,500</u>	<u>4,529.0</u>	<u>310</u>	Wapello	1,230	251.9	205
Boone	1,220	334.8	274	Washington	1,270	348.0	274
Dallas	1,120	352.6	296	<u>SE District</u>	<u>11,800</u>	<u>3,194.0</u>	<u>271</u>
Grundy	1,170	313.1	268	State	118,000	33,800	286
Hamilton	1,230	353.9	286				
Hardin	1,180	347.9	295				
Jasper	1,560	449.0	288				

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Clayton	1,810	456.0	252	Decatur	790	329.1	417
Delaware	1,490	350.5	235	Lucas	820	263.0	321
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Jasper	1,550	449.0	290				

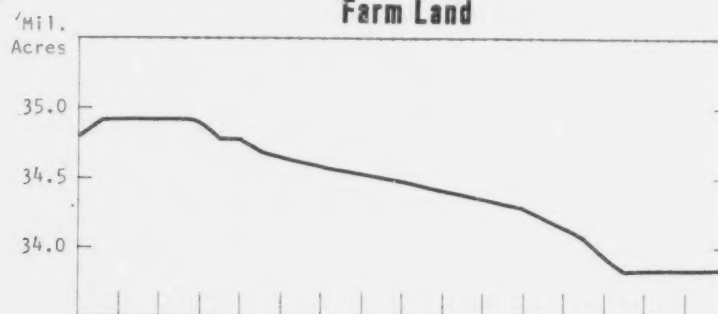
¹Preliminary.

Farms: Number, Average Size And Land In Farms¹, Iowa, 1940-82

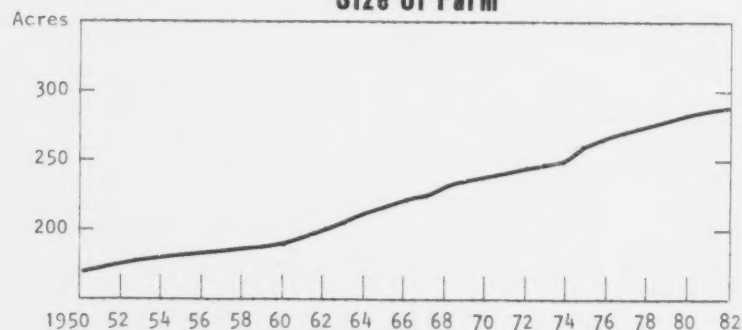
Year	Number of farms	Average size	Land in farms	Year	Number of farms	Average size	Land in farms
	Thousands	Acres	Mil. acres		Thousands	Acres	Mil. acres
1940	213	160	34.1	1968	149	231	34.4
1945	209	165	34.5	1969	147	234	34.4
1950	206	169	34.8	1970	145	237	34.4
1951	205	170	34.9	1971	143	241	34.4
1952	203	172	34.9	1972	141	243	34.3
1953	200	174	34.9	1973	139	247	34.3
1954	197	177	34.9	1974	138	249	34.3
1955	195	179	34.9	1975 ²	136	251	34.2
1956	193	181	34.9	1976	133	257	34.2
1957	191	182	34.8	1977	131	261	34.2
1958	189	184	34.8	1978	128	266	34.1
1959	187	186	34.7	*****			
1960	183	190	34.7	1975	130	262	34.1
1961	178	195	34.7	1976	127	267	33.9
1962	172	202	34.7	1977	125	270	33.8
1963	167	207	34.6	1978	123	275	33.8
1964	162	213	34.6	1979	121	279	33.8
1965	158	219	34.6	1980	119	284	33.8
1966	155	223	34.5	1981	118	286	33.8
1967	152	227	34.5	1982 ³	117	289	33.8

¹Prior to 1950, data from U.S. Census of Agriculture. ²The "New Definition" of a farm, starting in 1975, includes places which had annual sales of agricultural products of \$1000 or more. This is the same definition used by the Department of Commerce, Bureau of the Census, for the 1978 Census of Agriculture. The "Old Definition" of a farm included places of 10 or more acres and had annual sales of \$50 or more and places of less than 10 acres that had annual sales of \$250 or more. ³Preliminary.

Farm Land



Size Of Farm

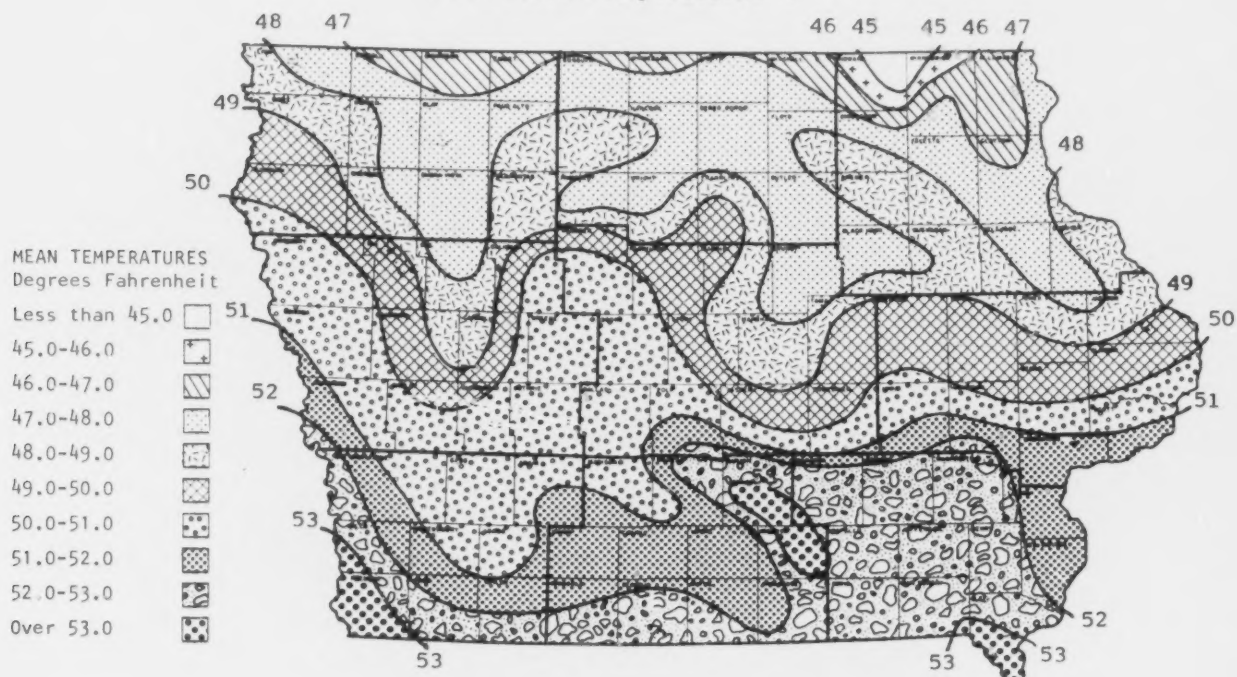


Temperature: Monthly And Annual, Departures From Normal¹ Iowa, By Crop Reporting Districts, 1981

District	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
TEMPERATURE (°F)													
Northwest	22.1	25.7	38.2	53.5	58.0	69.7	72.8	69.3	63.1	47.6	39.2	18.7	48.2
North Central	21.0	25.8	39.0	52.4	57.7	69.4	72.9	69.2	61.4	47.9	39.1	18.9	47.9
Northeast	20.7	25.7	38.0	51.8	57.4	68.3	72.0	69.2	61.2	48.3	38.7	20.7	47.7
West Central	24.9	28.4	40.5	56.7	59.2	72.1	74.8	70.6	64.6	49.5	40.8	22.4	50.4
Central	22.9	27.6	35.7	54.4	58.2	70.6	73.7	69.9	63.0	48.7	40.5	22.4	49.3
East Central	24.0	28.4	40.5	55.0	58.9	71.2	73.6	71.4	63.9	50.6	40.9	24.8	50.3
Southwest	26.6	29.5	42.4	58.9	59.7	73.1	75.5	70.9	65.2	51.5	42.1	24.5	51.7
South Central	26.6	30.3	42.2	58.1	59.0	71.8	74.9	71.4	65.5	52.5	43.1	25.5	51.7
Southeast	26.8	30.9	42.7	58.2	59.7	73.0	75.1	72.7	65.6	53.2	43.6	26.7	52.4
State	23.8	27.9	40.2	55.3	58.6	70.9	73.8	70.4	63.6	49.8	40.8	22.5	49.8
1981 DEPARTURES ¹ (°F)													
Northwest	+6.3	+4.8	+7.2	+6.2	-1.0	+1.2	-0.3	-2.2	+1.4	-4.1	+4.5	-2.9	+1.8
North Central	+5.4	+5.5	+8.3	+5.3	-1.1	+1.0	+0.5	-1.6	-0.1	-3.9	+4.3	-2.5	+1.8
Northeast	+3.6	+4.3	+6.2	+4.3	-0.9	+0.3	-0.1	-1.4	-0.4	-3.5	+3.1	-1.7	+1.2
West Central	+5.9	+4.1	+6.7	+7.1	-1.7	+2.2	+0.4	-2.2	+1.1	-4.1	+3.8	-2.2	+1.8
Central	+3.7	+3.6	+5.8	+4.9	-2.5	+0.8	-0.4	-2.5	-0.4	-5.0	+3.1	-2.2	+0.7
East Central	+3.3	+3.4	+5.4	+5.0	-1.8	+1.1	-0.4	-1.1	-0.1	-3.4	+2.4	-1.0	+1.1
Southwest	+4.4	+2.0	+5.8	+7.4	-2.4	+2.1	-0.1	-3.0	+0.3	-3.5	+2.9	-2.8	+1.1
South Central	+4.3	+3.1	+5.7	+6.8	-2.8	+1.2	-0.2	-2.1	+0.6	-2.8	+3.5	-1.9	+1.2
Southeast	+3.7	+3.2	+5.4	+6.3	-2.7	+1.4	-0.6	-1.4	-0.1	-2.6	+3.2	-1.4	+1.2
State	+4.6	+3.9	+6.3	+5.9	-1.9	+1.2	-0.2	-2.0	+0.2	-3.7	+3.5	-2.0	+1.3

¹Departures are computed from 1941-70 normals.

1981 Mean Temperatures °F¹



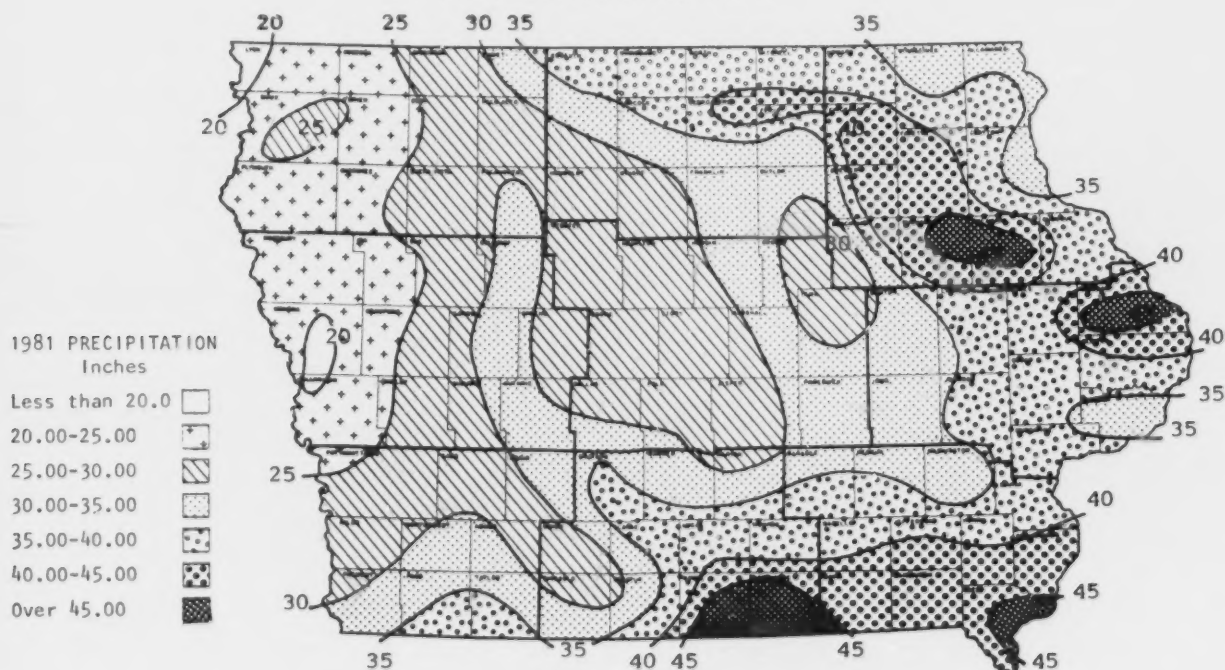
IOWA DEPARTMENT OF AGRICULTURE STATE CLIMATOLOGIST

Precipitation: Monthly And Annual, Departures From Normal¹ **Iowa, By Crop Reporting Districts, 1981**

District	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
PRECIPITATION (inches)													
Northwest	0.10	0.77	1.59	0.71	2.69	5.33	4.03	4.05	1.63	2.34	0.89	0.96	25.09
North Central	0.13	1.50	0.67	3.51	3.81	6.94	5.92	5.76	1.59	2.12	0.95	1.01	33.91
Northeast	0.18	2.34	0.38	5.82	1.81	6.19	3.98	9.38	3.55	2.43	1.83	1.09	38.98
West Central	0.18	0.51	1.00	1.38	2.83	3.79	4.68	3.97	1.94	2.48	1.59	1.02	25.37
Central	0.07	1.42	0.48	2.81	1.83	4.74	4.04	5.00	2.51	2.16	1.96	1.12	28.14
East Central	0.05	2.34	0.27	4.71	1.31	5.52	3.43	6.73	4.56	3.38	2.67	0.97	35.94
Southwest	0.21	0.73	1.33	2.44	3.12	4.22	5.98	4.52	2.34	2.01	2.71	1.65	31.26
South Central	0.07	1.45	1.00	4.13	2.86	6.90	7.78	3.22	2.29	2.38	3.24	1.07	36.39
Southeast	0.08	1.71	0.38	6.08	3.57	6.66	6.14	2.97	3.79	3.86	3.94	1.04	40.22
State	0.12	1.41	0.79	3.41	2.60	5.53	4.96	5.12	2.66	2.54	2.12	1.09	32.35
1981 DEPARTURES ¹ (inches)													
Northwest	-0.49	-0.19	+0.02	-1.64	-1.18	+0.49	+0.44	+0.69	-1.40	+0.58	-0.06	+0.16	-2.58
North Central	-0.74	+0.56	-1.35	+0.73	-0.37	+1.81	+1.73	+2.20	-1.62	+0.15	-0.25	-0.03	+2.82
Northeast	-0.87	+1.43	-1.82	+2.71	-2.32	+1.16	-0.22	+5.84	-0.07	+0.11	+0.25	-0.16	+6.04
West Central	-0.57	-0.48	-0.88	-1.34	-1.27	-1.51	+1.12	+0.20	-1.02	+0.54	+0.51	+0.19	-4.51
Central	-0.93	+0.42	-1.72	-0.24	-2.47	-0.52	+0.17	+1.34	-0.75	0.00	+0.62	+0.06	-4.02
East Central	-1.32	+1.27	-2.10	+1.23	-2.66	+0.58	-0.54	+3.34	+0.82	+0.88	+0.80	-0.57	+1.73
Southwest	-0.61	-0.25	-0.74	-0.50	-1.20	-1.37	+2.19	+0.33	-1.32	-0.32	+1.47	+0.72	-1.60
South Central	-1.09	+0.43	-1.31	+0.80	-1.24	+1.67	+4.08	-0.68	-1.51	-0.05	+1.73	-0.14	+2.69
Southeast	-1.37	+0.57	-2.05	+2.46	-0.23	+1.87	+2.12	-0.56	+0.04	+1.14	+2.22	-0.55	+5.66
State	-0.88	+0.41	-1.30	+0.41	-1.47	+0.40	+1.10	+1.48	-0.75	+0.32	+0.75	-0.03	+0.44

¹Departures are computed from 1941-70 normals.

1981 Precipitation, Inches¹



IOWA DEPARTMENT OF AGRICULTURE STATE CLIMATOLOGIST

CROPS



1981 Crop Summary

IOWA

Field work for the 1981 crop year got off to a fast start with early seedings ahead of normal. By late April, field work was in full swing with plowing and oat seeding near completion in all areas of the state. Despite the early seedbed preparation, corn planting lagged behind normal as farmers in the western and central parts of the state were faced with dry conditions while the northeast and southeast regions were hindered by too much rain.

Drought-like conditions continued during the month of May in the western and central areas, further delaying planting of corn and soybeans. By the end of the month corn planting was virtually complete, about one week later than last year.

An abundance of rain in late June ended the dry spell and greatly improved soil moisture supplies. On June 23rd the most extensive and costly hailstorm on record struck parts of north central and northeast Iowa, causing many farmers to replant damaged fields. Near-ideal growing conditions for corn and soybeans during July spurred crop development to the point where corn and soybeans, which had previously been lagging behind normal in maturity, were slightly ahead of normal maturity at month's end.

August concluded the 10th wettest summer in Iowa with above-average precipitation coupled with cool temperatures again slowing crop development. Corn and soybean maturity was slightly ahead of normal at the beginning of the month, but by month's end was again lagging behind normal.

Full scale harvest began in late September as above-average temperatures and below-normal precipitation during the month accelerated crop maturity to near normal. By early October harvest was running ahead of last year and normal for both corn and soybeans.

In a turnaround from September, cool temperatures with scattered showers throughout the month of October delayed row-crop harvest considerably. By November 1st corn harvest was 70 percent complete while soybean harvest was about 90 percent complete. This was well behind 1980's record harvest pace, but only slightly behind normal for both crops. Harvest of corn and soybeans was completed by late November.

Corn: Iowa's 1981 corn production at a record 1.74 billion bushels was 19 percent higher than the 1980 crop. Yields were quite good across most of the state with the lowest yields experienced in the west central crop reporting district. Iowa's average yield at 127 bushels per acre was 17 bushels above last year's drought-reduced yields and equals the previous 1979 record yield. The 13.7 million acres harvested for grain is the highest on record. **Corn silage** was harvested from an estimated 500 thousand acres, 22 percent below 1980, with an average yield of 16.5 tons per acre.

Soybeans: Production of soybeans in Iowa was 330 million bushels, a new record and 4 percent above the previous record set in 1980. Soybeans were harvested from 8.15 million acres, 1 percent below a year ago. The average yield estimate of

40.5 bushels is 2 bushels above the previous record set last year.

Oats: Oat production at 59.5 million bushels was 4 percent less than last year and the smallest since 1881. The 62.0 bushel per acre yield is unchanged from last year and only one bushel below the record 63.0 bushels per acre produced in 1979.

All Hay: The 1981 hay crop was placed at 8.22 million tons, 2 percent more than a year earlier, as an increase in yield per acre more than offset a smaller acreage harvested.

Other Crops: Production of sorghum grain in 1981, at 1.76 million bushels, was 32 percent higher than 1980. The 1981 wheat production of 4.49 million bushels was up 28 percent from a year earlier due to an increase in both acres harvested and yield per acre. Sixty-one percent more **white corn** was produced in 1981 as a 20 bushel per acre higher yield was harvested from 30 percent more acreage.

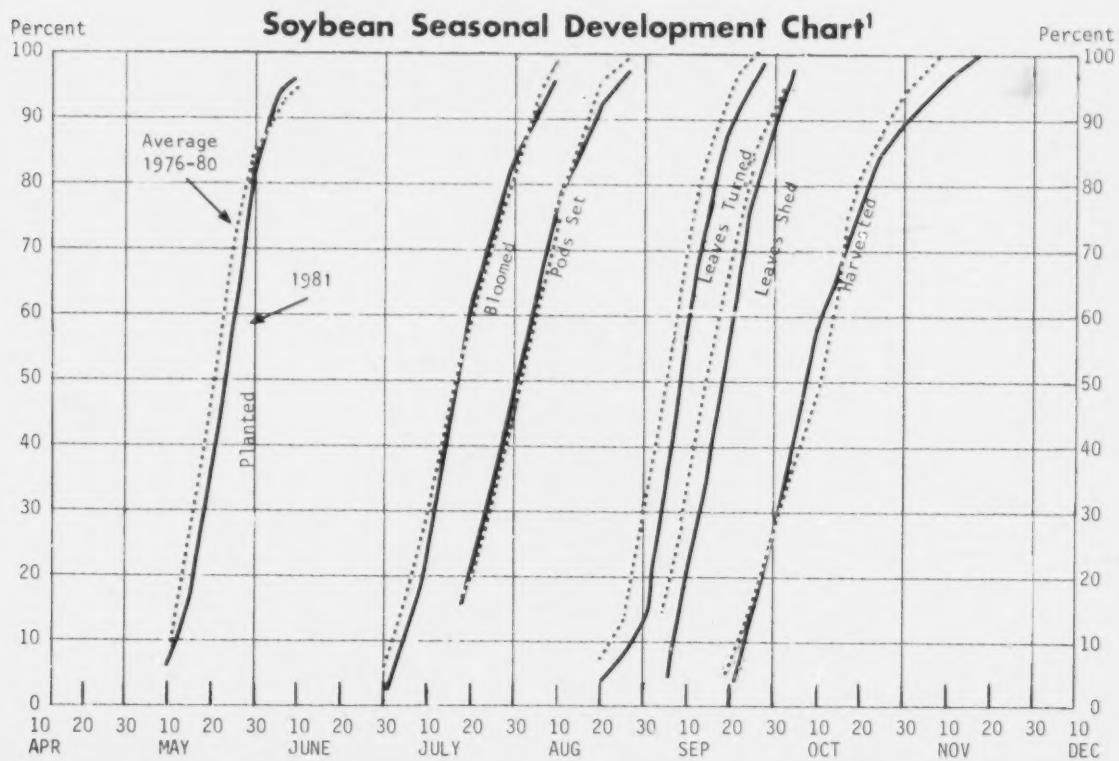
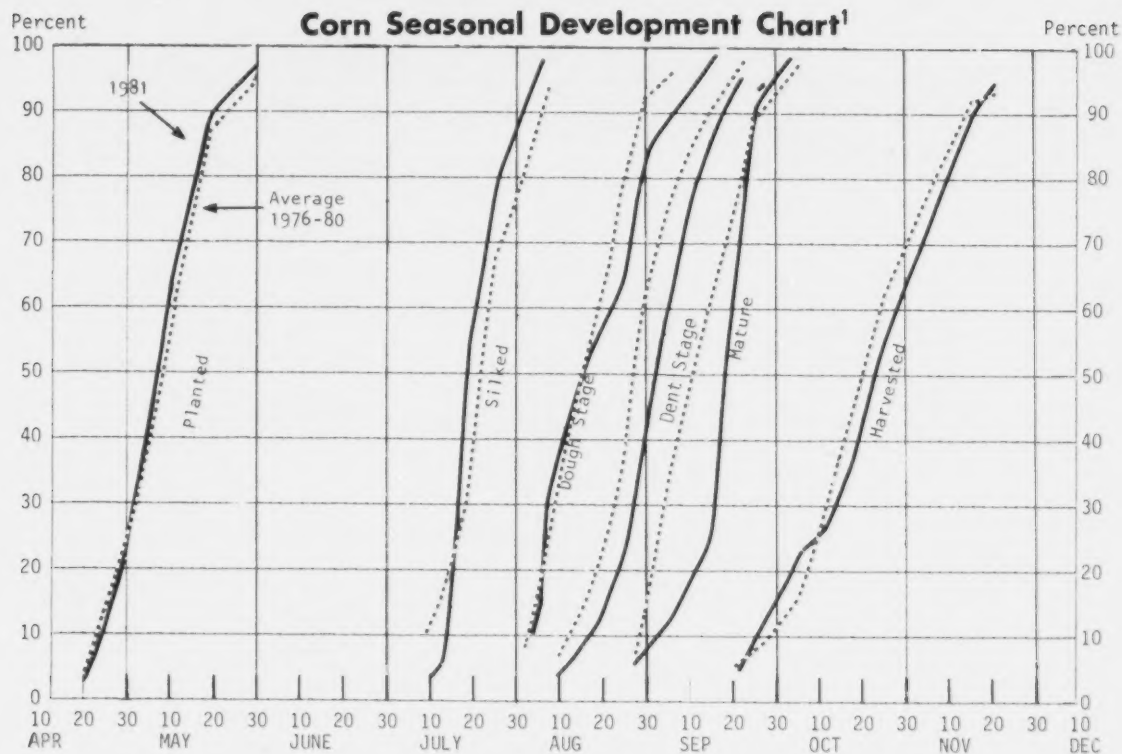
UNITED STATES

Acreage of principal crops planted or grown in 1981 totaled 365 million acres, up 8 million acres from 1980 and the largest since 1949. Among the major crops, planted acreage of corn was up only slightly from 1980; sorghum, up 2 percent; all wheat, up 10 percent; soybeans, down 3 percent; and cotton, down 1 percent. Harvested acreage of principal crops at 356 million acres was up 15 million acres from a year earlier.

Land preparation and spring planting made rapid progress during the first half of April, but rain and wet fields in the eastern Corn Belt delayed activities much of the second part of the month. Rains and wet fields in the eastern Corn Belt continued to delay planting activities during much of May, but in other areas planting progressed on schedule.

Cumulative heavy rainfall of over 8 inches during June kept fields soggy and further delayed field work across parts of the southern Plains into the North Central Region. Severe weather dotted the area at mid-month causing flooding and extensive crop damage in Indiana, Illinois, and Ohio. Excessive amounts of rain during July were received over much of Missouri and southern Illinois. Above-normal rain in other parts of the Plains and the East was generally beneficial. August precipitation provided adequate moisture supplies in major row-crop production regions. Subnormal temperatures slowed plant growth in many areas of the Corn Belt, where development was already late because of the delayed planting.

Corn harvesting was under way in all major states by the end of September with progress ranging from 2 percent complete in Wisconsin to 86 percent in Georgia. Wet conditions during most of October further delayed corn and soybean harvests. However, mild, dry weather late in October and early November in the major producing areas helped to dry fields and lower grain moisture content. Growers spent long hours in the fields, taking advantage of the good weather to get the harvest completed.



¹Percent in or past designated stage.

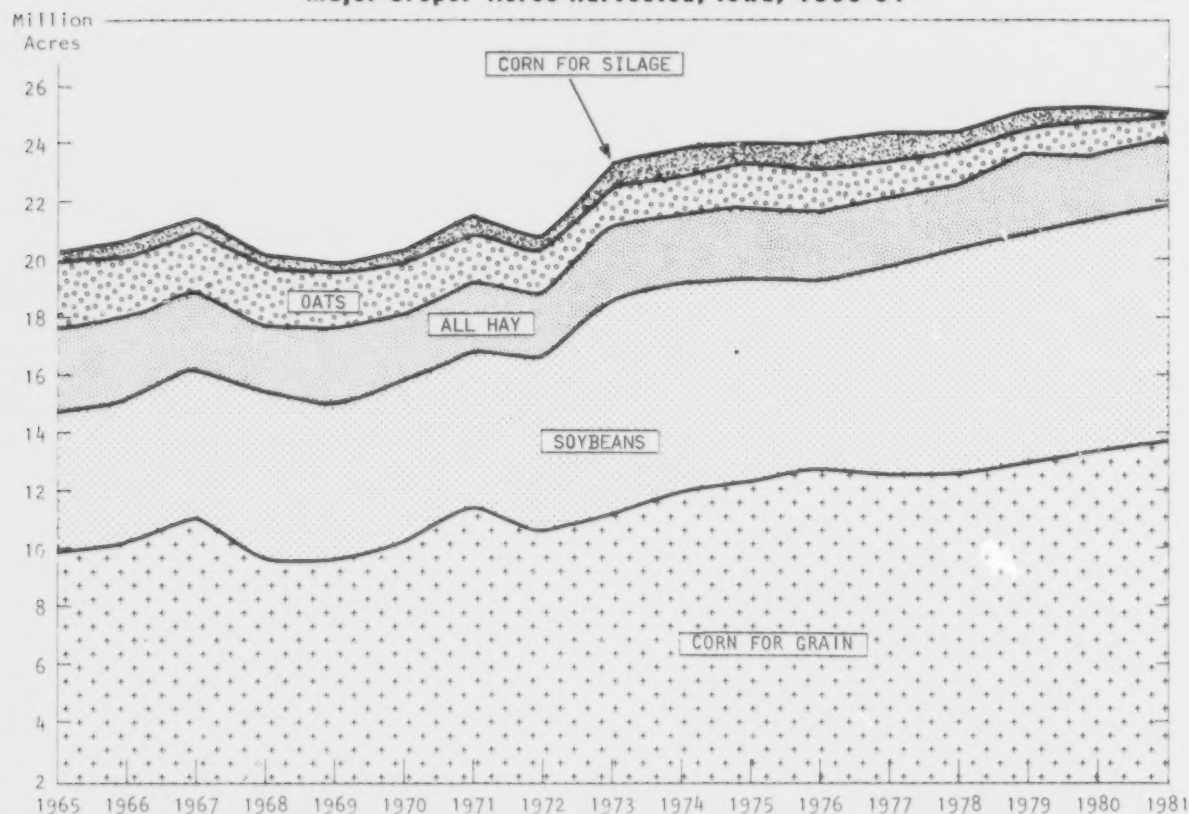
Crop Summary: Acres Planted, Harvested, Yield, And Production Iowa And United States, 1971, 1977-81

Crop Year	Unit	Iowa				United States			
		Acreage				Acreage			
		Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
		----- 1,000 -----				1,000 -----			- 1,000 -
		<u>CORN</u>							
1971		12,208	12,196	-	-	74,179	73,631	-	-
1977		13,800	13,615	-	-	84,328	81,537	-	-
1978		13,600	13,540	-	-	81,675	80,987	-	-
1979		13,750	13,730	-	-	81,393	80,783	-	-
1980		14,000	13,950	-	-	84,047	82,855	-	-
1981		14,300	14,230	-	-	84,153	83,207	-	-
		<u>CORN FOR GRAIN</u>							
1971	Bu.	-	11,550	102.0	1,178,100	-	64,123	88.1	5,646,260
1977	Bu.	-	12,700	86.0	1,092,200	-	71,614	90.8	6,505,041
1978	Bu.	-	12,850	115.0	1,477,750	-	71,930	101.0	7,267,927
1979	Bu.	-	13,100	127.0	1,663,700	-	72,400	109.7	7,938,819
1980	Bu.	-	13,300	110.0	1,463,000	-	73,030	91.0	6,644,841
1981	Bu.	-	13,700	127.0	1,739,900	-	74,624	109.9	8,200,951
		<u>CORN FOR SILAGE</u>							
1971	Ton	-	625	14.5	9,063	-	8,814	12.4	109,302
1977	Ton	-	875	12.5	10,938	-	9,314	12.6	117,743
1978	Ton	-	660	16.0	10,560	-	8,624	13.7	118,132
1979	Ton	-	600	17.5	10,500	-	7,995	14.4	114,860
1980	Ton	-	640	14.8	9,472	-	9,241	12.0	110,973
1981	Ton	-	500	16.5	8,250	-	8,211	14.1	116,183
		<u>SOYBEANS</u>							
1971	Bu.	5,516	5,500	32.5	178,750	43,476	42,705	27.5	1,176,101
1977	Bu.	7,100	7,080	35.5	251,340	58,978	57,830	30.6	1,767,267
1978	Bu.	7,600	7,550	37.5	283,125	64,708	63,663	29.4	1,868,754
1979	Bu.	8,200	8,170	37.5	306,375	71,632	70,566	32.1	2,267,901
1980	Bu.	8,300	8,270	38.5	318,395	70,037	67,856	26.4	1,792,062
1981	Bu.	8,200	8,150	40.5	330,075	68,000	66,688	30.4	2,030,452
		<u>OATS</u>							
1971	Bu.	2,279	1,550	59.0	91,450	21,831	15,705	55.9	878,079
1977	Bu.	1,650	1,350	61.0	82,350	17,732	13,485	55.8	752,774
1978	Bu.	1,950	1,050	58.0	60,900	16,407	11,126	52.3	581,657
1979	Bu.	1,350	1,000	63.0	63,000	13,957	9,679	54.4	526,551
1980	Bu.	1,300	1,000	62.0	62,000	13,377	8,652	53.0	458,263
1981	Bu.	1,200	960	62.0	59,520	13,646	9,411	54.0	508,083
		<u>HAY: ALL</u>							
1971	Ton	-	2,350	2.84	6,673	-	61,355	2.10	129,132
1977	Ton	-	2,340	3.17	7,423	-	60,988	2.17	132,211
1978	Ton	-	2,330	3.65	8,499	-	62,113	2.32	143,817
1979	Ton	-	2,330	3.75	8,747	-	61,666	2.40	147,847
1980	Ton	-	2,270	3.54	8,037	-	59,362	2.21	131,027
1981	Ton	-	2,230	3.69	8,224	-	60,212	2.38	143,105

Crop Summary: Acres Planted, Harvested, Yield, And Production Iowa And United States, 1971, 1977-81

Crop year	Unit	Iowa				United States			
		Acreage				Acreage			
		Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
		--- 1,000 ---				----- 1,000 -----			1,000
									<u>ALFALFA</u>
1971	Ton		1,705	3.10	5,286		27,599	2.80	77,285
1977	Ton		1,750	3.50	6,125		27,150	2.98	80,814
1978	Ton		1,800	4.00	7,200		27,864	3.13	87,294
1979	Ton		1,810	4.10	7,421		27,712	3.19	88,314
1980	Ton		1,760	3.90	6,864		26,244	3.04	79,879
1981	Ton		1,750	4.00	7,000		26,394	3.17	83,696
									<u>SORGHUM</u>
1971	Bu.	130	100	87.0	8,700	20,547	16,142	53.8	867,997
1977	Bu.	45	32	74.0	2,368	16,636	13,797	56.6	780,944
1978	Bu.	36	24	75.0	1,800	16,197	13,410	54.5	731,270
1979	Bu.	30	19	74.0	1,406	15,277	12,901	62.7	808,862
1980	Bu.	30	19	70.0	1,330	15,644	12,522	46.3	579,197
1981	Bu.	30	20	88.0	1,760	16,024	13,726	64.1	880,266
									<u>WHEAT, ALL</u>
1971	Bu.	40	36	38.5	1,386	53,822	47,685	33.9	1,618,636
1977	Bu.	130	109	37.0	4,033	75,410	66,686	30.7	2,045,527
1978	Bu.	60	45	31.0	1,395	65,989	56,495	31.4	1,775,524
1979	Bu.	70	60	37.0	2,220	71,424	62,454	34.2	2,134,060
1980	Bu.	100	92	38.0	3,496	80,637	70,984	33.4	2,374,306
1981	Bu.	120	115	32.0	4,485	88,864	80,948	34.5	2,793,436
									<u>RYE</u>
1971	Bu.	20	5	27.0	135	4,842	1,751	28.1	49,223
1977	Bu.	20	4	29.0	116	2,555	677	24.4	16,543
1978	Bu.	19	5	30.0	150	2,865	926	26.0	24,065
1979	Bu.	22	5	29.0	145	2,921	869	25.8	22,389
1980	Bu.	19	5	30.0	150	2,537	675	24.4	16,483
1981	Bu.	21	5	33.0	165	2,594	697	26.7	18,621
									<u>POPCORN</u>
1971	Lb.	45	44	3,200	140,800	178.9	173.7	3,246	563,850
1977	Lb.	16	15	2,150	32,250	160.8	154.8	2,788	431,610
1978	Lb.	12	11.5	2,450	28,180	144.9	141.1	2,821	398,110
1979	Lb.	18	17	2,550	43,350	187.0	179.3	2,993	536,560
1980	Lb.	30	29	2,100	60,900	232.6	223.0	2,477	552,310
1981	Lb.	25	24	2,700	64,800	261.8	247.2	3,142	776,620
									<u>WHITE CORN</u>
1971	Bu.	44	43	90.0	3,870	1,072	1,013	76.8	77,753
1977	Bu.	19	18	75.0	1,350	500	441	69.4	30,591
1978	Bu.	29	28	100.0	2,800	523	497	76.3	37,935
1979	Bu.	30	29	110.0	3,190	387	366	89.4	32,709
1980	Bu.	31	30	84.0	2,520	484	443	65.3	28,934
1981	Bu.	40	39	104.0	4,056	561	539	91.4	49,267

Major Crops: Acres Harvested, Iowa, 1965-81



State Rankings In Production, By Crop, Iowa And Ten Leading States, 1981

Item	1	2	3	4	5	6	7	8	9	10	IOWA	
											Rank	% of U.S.
Corn for grain	Iowa	Ill.	Neb.	Minn.	Ind.	Wis.	Ohio	Mich.	Mo.	S.D.	1	21
Corn for silage	Wis.	Minn.	N.Y.	Iowa	Neb.	Pa.	S.D.	Mich.	Ohio	Cal.	4	7
White corn	Texas	Ky.	Mo.	Tenn.	Iowa	Kans.	Ill.	Ind.	Ga.	Ala.	5	8
Popcorn	Neb.	Ind.	Iowa	Ky.	Ohio	Mo.	Ill.	Mich.	Kans.	--	3	8
Soybeans for beans	Ill.	Iowa	Mo.	Ind.	Minn.	Ohio	Ark.	Neb.	Miss.	La.	2	16
Oats	Minn.	S.D.	Iowa	Wis.	N.D.	Mich.	Pa.	Texas	N.Y.	Ohio	3	12
All wheat	N.D.	Kans.	Texas	Mont.	Okla.	Wash.	Minn.	Mo.	Cal.	Neb.	37	- ¹
Winter wheat	Kans.	Texas	Okla.	Wash.	Mo.	Neb.	Ill.	Cal.	Mont.	Colo.	35	- ¹
Sorghum grain	Texas	Kans.	Neb.	Mo.	Okla.	S.D.	Ark.	Colo.	N.M.	Cal.	20	- ¹
Rye	S.D.	Minn.	Ga.	N.D.	Neb.	S.C.	Okla.	Mich.	Texas	Wis.	20	1
Potatoes	Idaho	Wash.	Maine	Ore.	Cal.	N.D.	Wis.	Minn.	Colo.	N.Y.	35	- ¹
Alfalfa hay & mixtures	Wis.	Iowa	Cal.	Minn.	Neb.	Idaho	Kans.	S.D.	Mont.	Mich.	2	8
All other hay	Texas	Mo.	N.Y.	Ky.	Kans.	S.D.	N.D.	Okla.	Pa.	Neb.	20	2
All hay	Wis.	Iowa	Minn.	Cal.	Neb.	Texas	Mo.	Kans.	S.D.	N.Y.	2	6
Total acres of principal crops harvested ²	Iowa	Texas	Ill.	N.D.	Minn.	Kans.	Neb.	S.D.	Mo.	Ind.	1	7
Capacity of comm. grain storage facilities ³	Kans.	Ill.	Tex.	Iowa	Neb.	Minn.	Ind.	Ohio	Mo.	Okla.	4	10

¹Less than 1/2 of 1 percent. ²Crop acreages included are corn, sorghum, oats, barley, wheat, rice, rye, soybeans, flaxseed, peanuts, popcorn, cotton, all hay, dry beans, dry peas, potatoes, sweet potatoes, tobacco, sugarcane, and sugar beets. ³January 1, 1982.

Crops: Record Highs And Lows For Acreage, Yield, And Production Of Iowa Crops

Item	Unit	Record high		Record low		Year record started
		Quantity	Year ¹	Quantity	Year ¹	
Corn for grain						1919
Acres harvested	Thou. acres	13,700	1981	5,701	1934	
Yield	Bushels	127.0	1981	20.0	1936	
Production	Mil. bu.	1,739.90	1981	148.90	1936	
Corn for silage						1919
Acres harvested	Thou. acres	970	1976	134	1942	
Yield	Tons	17.5	1979	3.5	1936	
Production	Mil. tons	12.13	1976	1.41	1942	
Grain Sorghum						1954
Acres harvested	Thou. acres	308	1957	6	1955	
Yield	Bushels	88.0	1981	35.0	1955	
Production	Mil. bu.	13.86	1957	.21	1955	
Hay, all						1909
Acres harvested	Thou. acres	4,869	1909	2,230	1981	
Yield	Tons	3.75	1979	.79	1911	
Production	Mil. tons	8.75	1979	3.05	1934	
Hay, alfalfa						1919
Acres harvested	Thou. acres	2,580	1957	172	1919	
Yield	Tons	4.10	1979	1.49	1934	
Production	Mil. tons	7.42	1979	.44	1919	
Oats						1866
Acres harvested	Thou. acres	6,520	1950	450	1866	
Yield	Bushels	63.0	1979	13.0	1934	
Production	Mil. bu.	273.87	1948	15.53	1866	
Popcorn - Shelled						1912
Acres harvested	Thou. acres	92	1945	6	1915	
Yield	Lb. ear	3,250	1972	288	1936	
Production	Mil. lbs.	143.35	1969	3.86	1936	
Rye						1866
Acres harvested	Thou. acres	207	1937	4	1977	
Yield	Bushels	33.0	1981	7.9	1934	
Production	Mil. bu.	4.04	1937	.07	1953	
Soybeans, for beans						1924
Acres harvested	Thou. acres	8,270	1980	7	1925	
Yield	Bushels	40.5	1981	11.5	1934	
Production	Mil. bu.	330.08	1981	.10	1925	
Wheat						1866
Acres harvested	Thou. acres	3,420	1874	33	1972	
Yield	Bushels	39.0	1981	6.0	1881	
Production	Mil. bu.	40.43	1873	.84	1965	

¹In case of a tie, the most recent year was used.

Grain Stocks (Late Crops): Storage On Farm And Total, By Quarters
Iowa And United States, 1972, 1978-82¹

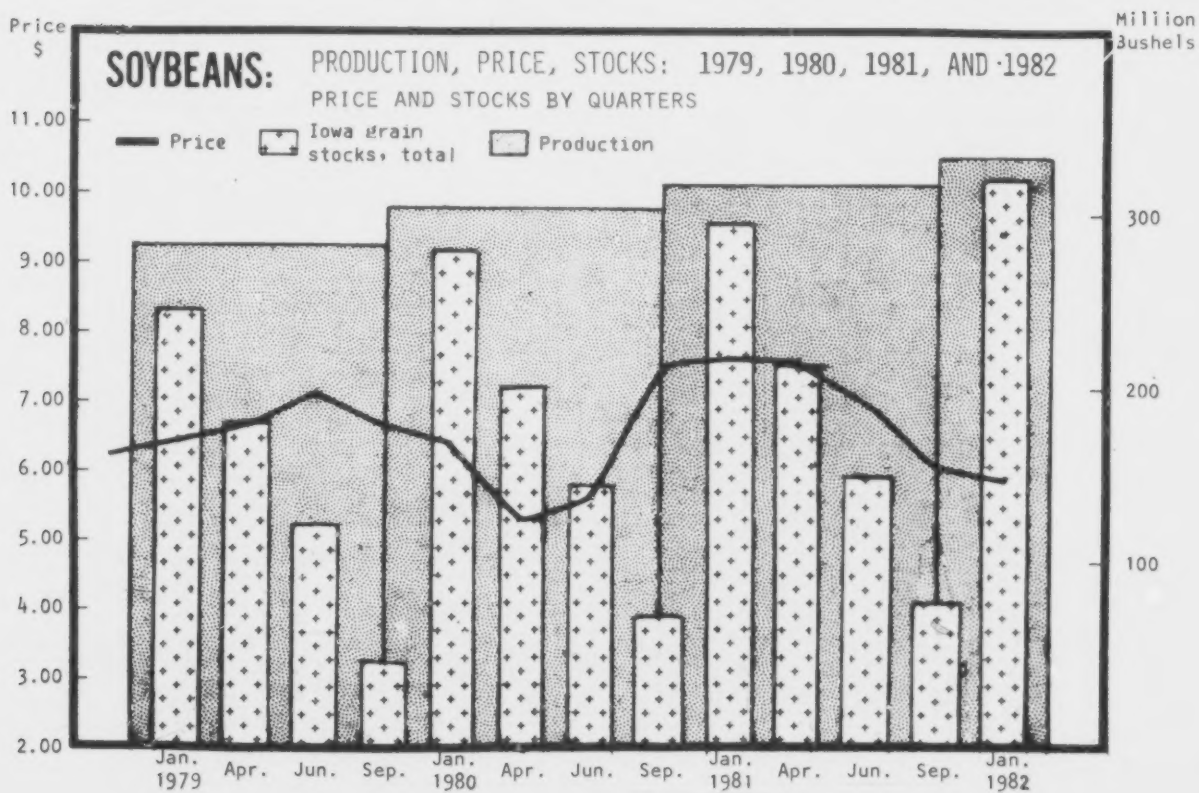
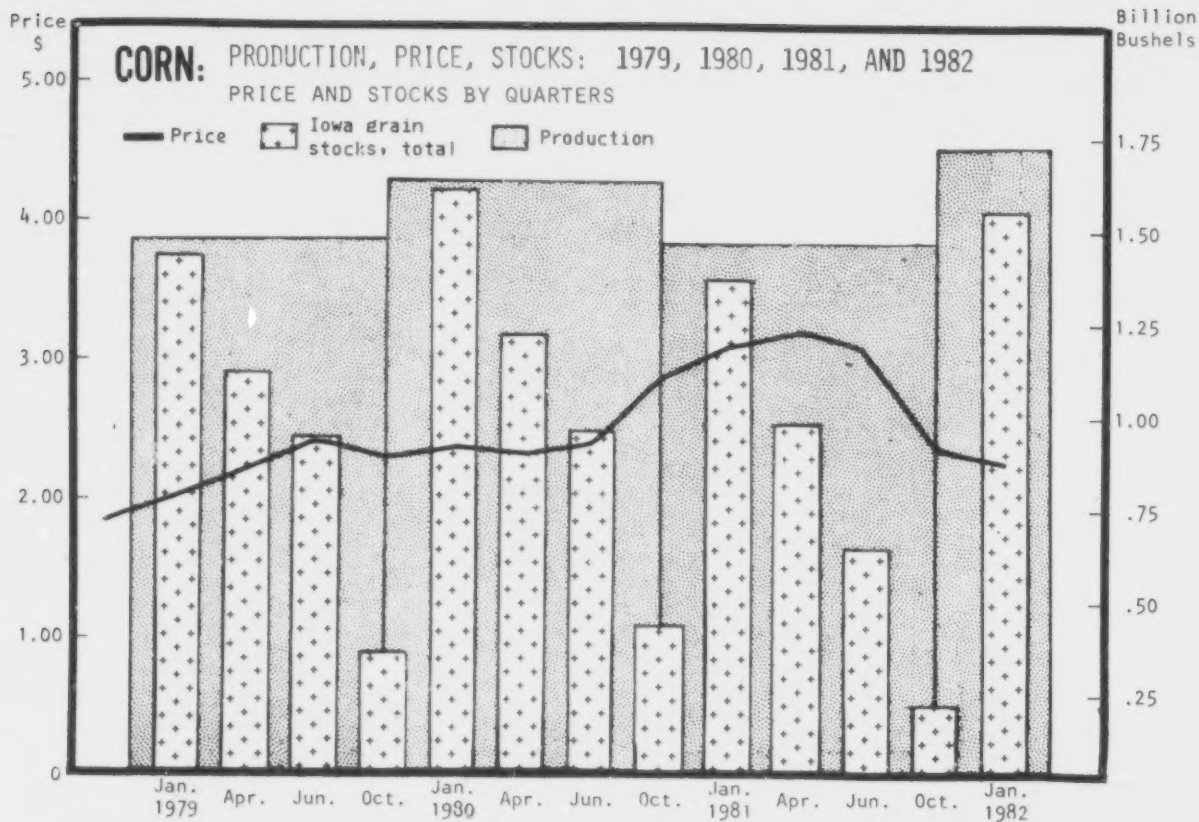
Crop year	Production	Cal. year	Marketing season							
			January 1		April 1		June 1 ²		End of season ³	
			On farm	Total	On farm	Total	On farm	Total	On farm	Total
	1000/bu.		Thousand bushels							
IOWA			CORN							
1971	1,178,100	1972	812,889	1,048,294	647,955	833,563	447,678	582,644	247,401	351,399
1977	1,092,200	1978	797,306	1,128,442	589,788	859,735	458,724	649,715	163,830	273,441
1978	1,477,750	1979	1,078,758	1,413,667	812,763	1,087,385	650,210	862,603	192,108	332,478
1979	1,663,700	1980	1,197,864	1,585,814	898,398	1,185,396	715,391	947,468	216,281	395,865
1980	1,463,000	1981	1,038,730	1,384,369	702,240	967,508	512,050	690,636	102,410	230,470
1981	1,739,900	1982	1,113,536	1,532,069	956,945	1,276,903				
			SOYBEANS							
1971	178,750	1972	87,588	150,581	58,988	103,297	14,300	39,787	3,575	12,886
1977	251,340	1978	130,697	242,289	92,996	190,326	60,322	123,738	17,594	46,230
1978	283,125	1979	133,069	248,942	93,431	184,689	62,288	122,840	15,572	44,180
1979	306,375	1980	147,060	280,891	113,359	203,113	79,658	141,319	22,978	66,514
1980	318,395	1981	159,198	294,746	124,174	213,523	89,151	144,828	35,023	72,875
1981	330,075	1982	174,940	316,600	145,233	247,348				
UNITED STATES			CORN							
1971	5,646,260	1972	3,555,260	4,704,344	2,485,085	3,383,194	1,590,106	2,174,208	751,949	1,126,929
1977	6,505,041	1978	3,873,623	5,552,301	2,549,170	3,909,415	1,872,359	2,861,138	666,727	1,111,435
1978	7,267,927	1979	4,637,665	6,319,148	3,177,893	4,500,377	2,318,006	3,287,214	794,465	1,303,925
1979	7,938,819	1980	5,041,691	6,886,175	3,441,012	4,857,333	2,577,785	3,670,433	920,881	1,617,478
1980	6,644,841	1981	4,141,465	5,858,774	2,641,110	3,987,248	1,818,348	2,774,245	490,134	1,033,977
1981	8,200,951	1982	4,965,440	6,898,649	3,569,737	5,074,100				
			SOYBEANS							
1971	1,176,101	1972	397,631	889,018	218,618	552,295	58,440	232,834	11,779	71,962
1977	1,767,267	1978	674,550	1,326,950	394,405	849,853	207,541	506,356	59,132	161,176
1978	1,868,754	1979	699,556	1,392,090	412,570	880,216	241,255	526,105	61,509	174,088
1979	2,267,901	1980	892,934	1,770,830	602,779	1,183,101	396,650	774,802	128,888	358,768
1980	1,792,062	1981	730,157	1,520,457	533,082	1,029,701	362,266	679,422	159,029	318,305
1981	2,030,452	1982	901,145	1,644,333	591,073	1,050,444				

¹Preliminary. ²July 1 in 1971. ³End of season is September 1 for soybeans, October 1 for corn.

Grain Stocks (Early Crops): Storage On Farm And Total, By Quarters
Iowa And United States, 1972, 1978-82¹

Crop year	Production	October 1 of crop year		Year following the crop year					
				January 1		April 1		June 1 ²	
		On farm	Total	On farm	Total	On farm	Total	On farm	Total
		Thousand bushels							
IOWA		OATS							
1971	91,450	69,502	88,861	58,528	72,959	38,409	50,229	21,034	29,649
1977	82,350	53,528	78,046	47,763	63,069	36,234	45,589	23,058	30,804
1978	60,900	48,720	65,757	45,066	55,077	30,450	37,198	19,488	25,220
1979	63,000	45,990	64,159	39,060	51,250	27,720	36,806	15,750	22,457
1980	62,000	39,680	60,239	34,100	45,074	22,940	29,964	17,360	22,163
1981	59,520	37,498	53,546	29,165	39,047	21,427	27,254		
UNITED STATES									
1971	878,079	810,818	1,091,320	691,350	941,931	506,509	735,219	336,119	541,059
1977	752,774	564,095	679,554	485,267	567,974	360,516	421,833	259,548	313,104
1978	581,657	530,881	645,889	465,769	546,339	317,307	381,598	229,267	279,970
1979	526,551	465,837	568,147	400,765	476,772	284,302	339,626	198,316	236,412
1980	458,263	395,305	484,647	329,314	390,998	211,747	256,110	148,871	176,882
1981	508,083	384,015	457,753	313,590	364,665	200,191	236,506		

¹Preliminary ²July 1 in 1971.



Corn: Acreage, Yield, And Production, By County, 1980

County and district	Planted for all purposes	Harvested for grain	Yield per acre	Pro-duction	County and district	Planted for all purposes	Harvested for grain	Yield per acre	Pro-duction
	----- Acres -----		Bu.	100/bu.		----- Acres -----		Bu.	100/bu.
Buena Vista	176,000	170,000	121.8	20,700	Marshall	165,000	161,000	119.3	19,200
Cherokee	160,000	143,000	111.9	16,000	Polk	113,000	110,000	100.0	11,000
Clay	164,000	152,000	126.3	19,200	Poweshiek	136,000	131,000	110.7	14,500
Dickinson	102,000	94,000	125.5	11,800	Story	173,000	170,000	126.5	21,500
Emmet	115,000	110,000	139.1	15,300	Tama	179,000	176,000	114.2	20,100
Lyon	177,000	164,000	103.0	16,900	Webster	191,000	189,000	127.0	24,000
O'Brien	166,000	150,000	129.3	19,400	<u>C District</u>	<u>1,967,000</u>	<u>1,916,000</u>	<u>116.0</u>	<u>222,300</u>
Osceola	117,000	109,000	124.8	13,600	Benton	187,000	175,000	105.7	18,500
Palo Alto	167,000	160,000	134.4	21,500	Cedar	182,000	179,000	124.6	22,300
Plymouth	251,000	234,000	83.8	19,600	Clinton	216,000	209,000	123.0	25,700
Pocahontas	173,000	169,000	123.1	20,800	Iowa	152,000	146,000	113.0	16,500
Sioux	265,000	236,000	110.2	26,000	Jackson	118,000	107,000	115.0	12,300
<u>NW District</u>	<u>2,033,000</u>	<u>1,891,000</u>	<u>116.8</u>	<u>220,800</u>	Johnson	150,000	147,000	106.8	15,700
Butler	174,000	169,000	124.3	21,000	Jones	148,000	143,000	124.5	17,800
Cerro Gordo	164,000	159,000	130.2	20,700	Linn	155,000	152,000	114.5	17,400
Floyd	136,000	133,000	126.3	16,800	Muscatine	105,000	102,000	119.6	12,200
Franklin	183,000	179,000	131.8	23,600	Scott	141,000	136,000	132.4	18,000
Hancock	173,000	166,000	127.7	21,200	<u>EC District</u>	<u>1,554,000</u>	<u>1,496,000</u>	<u>117.9</u>	<u>176,400</u>
Humboldt	131,000	127,000	119.7	15,200	Adair	120,000	116,000	89.7	10,400
Kossuth	283,000	276,000	131.9	36,400	Adams	84,000	74,000	78.4	5,800
Mitchell	131,000	122,000	120.5	14,700	Cass	148,000	129,000	88.4	11,400
Winnebago	118,000	116,000	115.5	13,400	Fremont	115,000	112,000	93.8	10,500
Worth	118,000	116,000	120.7	14,000	Mills	109,000	103,000	99.0	10,200
Wright	182,000	179,000	118.4	21,200	Montgomery	103,000	97,000	84.5	8,200
<u>NE District</u>	<u>1,793,000</u>	<u>1,742,000</u>	<u>125.3</u>	<u>218,200</u>	Page	118,000	113,000	73.5	8,300
Allamakee	85,000	76,000	114.5	8,700	Pottawattamie	259,000	245,000	98.4	24,100
Black Hawk	156,000	152,000	117.8	17,900	Taylor	88,000	81,000	65.4	5,300
Bremer	122,000	117,000	123.1	14,400	<u>SW District</u>	<u>1,144,000</u>	<u>1,070,000</u>	<u>88.0</u>	<u>94,200</u>
Buchanan	169,000	166,000	126.5	21,000	Appanoose	42,000	38,000	86.8	3,300
Chickasaw	129,000	121,000	122.3	14,800	Clarke	50,000	43,000	83.7	3,600
Clayton	155,000	150,000	116.0	17,400	Decatur	56,000	48,000	83.3	4,000
Delaware	177,000	171,000	124.6	21,300	Lucas	50,000	43,000	90.7	3,900
Dubuque	135,000	127,000	122.0	15,500	Madison	92,000	98,000	98.9	8,700
Fayette	198,000	188,000	125.5	23,600	Marion	93,000	88,000	92.0	8,100
Howard	115,000	108,000	120.4	13,000	Monroe	42,000	35,000	94.3	3,300
Winneschiek	156,000	141,000	117.7	16,600	Ringgold	73,000	62,000	54.8	3,400
<u>NE District</u>	<u>1,597,000</u>	<u>1,517,000</u>	<u>121.4</u>	<u>184,200</u>	Union	62,000	57,000	80.7	4,600
Audubon	135,000	128,000	90.6	11,600	Warren	92,000	87,000	100.0	8,700
Calhoun	161,000	158,000	123.4	19,500	Wayne	68,000	64,000	95.3	6,100
Carroll	190,000	160,000	98.1	15,700	<u>SC District</u>	<u>720,000</u>	<u>653,000</u>	<u>88.4</u>	<u>57,700</u>
Crawford	191,000	180,000	67.8	12,200	Davis	59,000	55,000	105.5	5,800
Greene	170,000	163,000	112.9	18,400	Des Moines	95,000	93,000	116.1	10,800
Guthrie	120,000	111,000	96.4	10,700	Henry	107,000	106,000	118.9	12,600
Harrison	176,000	170,000	80.0	13,600	Jefferson	77,000	76,000	101.3	7,700
Iowa	138,000	124,000	71.8	8,900	Keokuk	135,000	132,000	115.9	15,300
Monona	184,000	164,000	73.8	12,100	Lee	88,000	86,000	108.1	9,300
Sac	179,000	169,000	85.8	14,500	Louisa	98,000	97,000	122.7	11,900
Shelby	194,000	182,000	87.4	15,900	Mahaska	145,000	136,000	108.1	14,700
Woodbury	269,000	251,000	67.7	17,000	Van Buren	61,000	58,000	93.1	5,400
<u>WC District</u>	<u>2,107,000</u>	<u>1,960,000</u>	<u>86.8</u>	<u>170,100</u>	Wapello	67,000	65,000	104.6	6,800
Boone	156,000	154,000	118.8	18,300	Washington	153,000	151,000	124.5	18,800
Dallas	165,000	160,000	96.9	15,500	<u>SE District</u>	<u>1,085,000</u>	<u>1,055,000</u>	<u>112.9</u>	<u>119,100</u>
Grundy	161,000	152,000	122.4	18,600	State	14,000,000		110.0	
Hamilton	172,000	170,000	125.3	21,300			13,300,000		1,463,000
Hardin	176,000	169,000	120.7	20,400					
Jasper	180,000	174,000	102.9	17,900					

Corn: Acreage, Yield, And Production, By County, 1981¹

County and district	Planted for all purposes	Harvested for grain	Yield per acre	Pro-duction	County and district	Planted for all purposes	Harvested for grain	Yield per acre	Pro-duction
	----- Acres -----		Bu. 000/bu.			----- Acres -----		Bu. 000/bu.	
Buena Vista	178,000	174,000	130.9	22,772	Marshall	163,000	161,000	128.1	20,618
Cherokee	164,000	149,000	127.5	18,999	Polk	117,000	115,000	132.4	15,226
Clay	166,000	161,000	135.7	21,850	Poweshiek	143,000	140,000	125.4	17,550
Dickinson	107,000	104,000	135.0	14,044	Story	168,000	164,000	123.8	20,308
Emmet	121,000	117,000	138.0	16,145	Tama	180,000	176,000	133.4	23,470
Lyon	178,000	163,000	109.1	17,786	Webster	191,000	187,000	143.2	26,777
O'Brien	173,000	165,000	136.4	22,511	<i>C District</i>	1,972,000	1,921,000	130.6	250,822
Osceola	117,000	113,000	121.0	13,674	Benton	188,000	176,000	127.3	22,396
Palo Alto	172,000	169,000	140.5	23,744	Cedar	182,000	178,000	143.9	25,614
Plymouth	248,000	233,000	98.5	22,938	Clinton	216,000	207,000	137.2	28,396
Pocahontas	177,000	174,000	143.3	24,937	Iowa	163,000	159,000	129.8	20,643
Pioux	271,000	241,000	123.4	29,750	Jackson	134,000	125,000	132.7	16,589
<i>NW District</i>	2,072,000	1,963,000	126.9	249,150	Johnson	155,000	151,000	122.4	18,481
Butler	177,000	174,000	131.0	22,801	Jones	155,000	148,000	136.2	20,161
Cerro Gordo	170,000	164,000	131.4	21,543	Linn	156,000	154,000	132.8	20,444
Floyd	138,000	133,000	131.8	17,534	Muscatine	108,000	105,000	136.3	14,306
Franklin	192,000	187,000	137.3	25,682	Scott	146,000	144,000	141.1	20,316
Hancock	176,000	171,000	142.1	24,303	<i>EC District</i>	1,603,000	1,547,000	134.0	207,346
Humboldt	133,000	131,000	144.0	18,864	Adair	123,000	120,000	123.5	14,820
Kossuth	290,000	279,000	136.8	38,162	Adams	88,000	79,000	116.9	9,232
Mitchell	138,000	126,000	126.8	15,971	Cass	149,000	137,000	123.8	16,958
Winnebago	132,000	129,000	130.5	16,830	Fremont	115,000	113,000	120.9	13,660
Worth	124,000	117,000	119.4	13,967	Mills	110,000	105,000	120.5	12,652
Wright	190,000	186,000	142.0	26,413	Montgomery	99,000	96,000	118.3	11,355
<i>NC District</i>	1,860,000	1,797,000	134.7	242,070	Page	113,000	109,000	117.3	12,790
Allamakee	91,000	84,000	127.8	10,738	Pottawattamie	255,000	240,000	112.5	27,008
Black Hawk	161,000	156,000	136.3	21,257	Taylor	86,000	83,000	119.4	9,912
Bremer	135,000	132,000	138.0	18,216	<i>SW District</i>	1,138,000	1,082,000	118.7	128,387
Buchanan	184,000	180,000	135.3	24,356	Appanoose	44,000	41,000	112.7	4,619
Chickasaw	133,000	128,000	135.3	17,323	Clarke	55,000	52,000	118.1	6,142
Clayton	160,000	156,000	135.4	21,118	Decatur	62,000	55,000	113.4	6,234
Delaware	187,000	181,000	134.3	24,302	Lucas	54,000	48,000	124.9	5,995
Dubuque	142,000	131,000	133.4	17,469	Madison	93,000	90,000	127.0	11,336
Fayette	206,000	199,000	132.9	26,450	Marion	96,000	91,000	130.1	11,838
Howard	123,000	119,000	131.7	15,666	Monroe	44,000	36,000	109.6	3,944
Winneshek	160,000	149,000	125.1	18,636	Ringgold	70,000	63,000	120.6	7,597
<i>NE District</i>	1,682,000	1,615,000	133.5	215,531	Union	65,000	63,000	123.8	7,797
Audubon	137,000	130,000	121.2	15,756	Warren	100,000	95,000	130.7	12,413
Calhoun	164,000	158,000	139.3	22,005	Wayne	78,000	73,000	112.8	8,234
Carroll	185,000	164,000	125.7	20,610	<i>SC District</i>	761,000	707,000	121.9	86,149
Crawford	180,000	172,000	93.0	16,002	Davis	66,000	62,000	106.6	6,606
Greene	174,000	166,000	138.0	22,908	Des Moines	96,000	95,000	135.3	12,851
Guthrie	120,000	116,000	124.4	14,425	Henry	117,000	115,000	131.7	15,150
Harrison	175,000	171,000	94.4	16,149	Jefferson	79,000	78,000	126.6	9,872
Ida	131,000	126,000	102.4	12,906	Keokuk	144,000	140,000	129.4	18,117
Monona	184,000	173,000	95.0	16,442	Lee	88,000	85,000	122.5	10,416
Sac	176,000	164,000	124.1	20,354	Louisa	102,000	100,000	138.6	13,860
Shelby	195,000	182,000	102.5	18,646	Mahaska	141,000	135,000	127.4	17,193
Woodbury	274,000	258,000	92.7	23,914	Van Buren	66,000	64,000	110.4	7,064
<i>WC District</i>	2,095,000	1,980,000	111.2	220,117	Wapello	66,000	65,000	135.7	8,818
Boone	154,000	151,000	117.7	17,772	Washington	152,000	149,000	136.8	20,381
Dallas	158,000	155,000	133.7	20,716	<i>SE District</i>	1,117,000	1,088,000	129.0	140,328
Grundy	167,000	156,000	125.6	19,586	State	14,300		127.0	
Hamilton	173,000	171,000	142.3	24,331			13,700,000		1,739,900
Hardin	179,000	172,000	132.3	22,753					
Jasper	179,000	173,000	125.5	21,715					

¹PreTliminary.

Corn Silage: Acreage, Yield, And Production, By County, 1980

County and district	Planted for all purposes	Harvested for silage	Yield per acre	Pro-duction	County and district	Planted for all purposes	Harvested for silage	Yield per acre	Pro-duction
	----- Acres -----		Tons	000/ton		----- Acres -----		Tons	000/ton
Buena Vista	176,000	4,800	16.5	79	Marshall	165,000	3,200	17.2	55
Cherokee	160,000	16,500	14.2	234	Polk	113,000	2,700	12.6	34
Clay	164,000	11,700	18.0	211	Poweshiek	136,000	4,900	15.3	75
Dickinson	102,000	7,800	15.9	124	Story	173,000	2,600	20.0	52
Emmet	115,000	4,100	18.0	74	Tara	179,000	2,900	15.9	46
Lyon	177,000	12,000	14.1	169	Webster	191,000	1,900	15.3	29
O'Brien	166,000	15,400	16.9	260	<u>C District</u>	<u>1,967,000</u>	<u>47,000</u>	<u>16.3</u>	<u>767</u>
Osceola	117,000	7,700	17.5	135	Benton	187,000	11,500	14.2	163
Palo Alto	167,000	6,600	16.2	107	Cedar	182,000	3,000	17.3	52
Plymouth	251,000	16,600	12.5	207	Clinton	216,000	7,000	16.3	114
Pocahontas	173,000	3,300	19.7	65	Iowa	152,000	6,000	14.8	89
Sioux	265,000	28,500	14.4	409	Jackson	118,000	11,000	18.0	198
<u>NW District</u>	<u>2,033,000</u>	<u>135,000</u>	<u>15.4</u>	<u>2,074</u>	Johnson	150,000	2,500	16.8	42
Butler	174,000	4,300	15.3	66	Jones	148,000	5,000	16.8	84
Cerro Gordo	164,000	4,400	18.0	79	Linn	155,000	3,000	18.0	54
Floyd	136,000	2,700	15.2	41	Muscatine	105,000	2,500	17.2	43
Franklin	183,000	3,500	18.6	65	Scott	141,000	4,500	16.4	74
Hancock	173,000	6,400	16.4	105	<u>EC District</u>	<u>1,554,000</u>	<u>56,000</u>	<u>16.3</u>	<u>913</u>
Humboldt	131,000	2,900	14.1	41	Adair	120,000	3,000	14.7	44
Kossuth	283,000	6,500	17.5	114	Adams	84,000	8,400	14.3	120
Mitchell	131,000	7,900	17.5	138	Cass	148,000	18,000	12.9	232
Winnebago	118,000	1,600	14.4	23	Fremont	115,000	2,000	15.5	31
Worth	118,000	1,800	16.7	30	Mills	109,000	4,700	15.1	71
Wright	182,000	2,000	14.0	28	Montgomery	103,000	4,500	14.9	67
<u>NC District</u>	<u>1,793,000</u>	<u>44,000</u>	<u>16.6</u>	<u>730</u>	Page	118,000	3,200	15.0	48
Allamakee	85,000	8,400	16.1	135	Pottawattamie	259,000	12,000	15.0	180
Black Hawk	156,000	3,500	14.0	49	Taylor	88,000	5,200	12.3	64
Bremer	122,000	4,100	19.8	81	<u>SW District</u>	<u>1,144,000</u>	<u>61,000</u>	<u>14.0</u>	<u>857</u>
Buchanan	169,000	3,000	17.0	51	Appanoose	42,000	3,200	12.8	41
Chickasaw	129,000	8,000	16.3	130	Clarke	50,000	6,300	12.1	76
Clayton	155,000	4,300	15.3	66	Decatur	56,000	6,900	9.3	64
Delaware	177,000	5,100	14.5	74	Lucas	50,000	6,000	12.5	75
Dubuque	135,000	7,800	16.9	132	Madison	92,000	2,800	10.7	30
Fayette	198,000	9,900	17.2	171	Marion	93,000	3,500	12.6	44
Howard	115,000	6,500	15.8	103	Monroe	42,000	6,400	12.7	81
Winnesiek	156,000	14,400	15.6	224	Ringgold	73,000	10,000	8.2	82
<u>NE District</u>	<u>1,597,000</u>	<u>75,000</u>	<u>16.2</u>	<u>1,216</u>	Union	62,000	3,800	11.1	42
Audubon	135,000	6,000	14.5	87	Warren	92,000	3,600	12.2	44
Calhoun	161,000	2,600	17.3	45	Wayne	68,000	2,500	13.2	33
Carroll	190,000	29,200	14.4	421	<u>SC District</u>	<u>720,000</u>	<u>55,000</u>	<u>11.1</u>	<u>612</u>
Crawford	191,000	10,100	10.7	108	Davis	59,000	3,500	14.3	50
Greene	170,000	6,700	16.0	107	Des Moines	95,000	1,500	16.0	24
Guthrie	120,000	7,900	14.1	111	Henry	107,000	1,000	15.0	15
Harrison	176,000	5,000	11.8	59	Jefferson	77,000	500	14.0	7
Ida	138,000	13,700	10.8	148	Keokuk	135,000	3,000	19.0	57
Monona	184,000	19,800	13.4	265	Lee	88,000	2,000	19.5	39
Sac	179,000	9,600	12.3	118	Louisa	98,000	1,000	19.0	19
Shelby	194,000	11,600	14.7	171	Mahaska	145,000	9,000	16.4	148
Woodbury	269,000	16,800	12.3	206	Van Buren	61,000	2,500	14.0	35
<u>WC District</u>	<u>2,107,000</u>	<u>139,000</u>	<u>13.3</u>	<u>1,846</u>	Wapello	67,000	2,000	14.0	28
Boone	156,000	1,900	19.5	37	Washington	153,000	2,000	17.5	35
Dallas	165,000	4,200	13.3	56	<u>SE District</u>	<u>1,085,000</u>	<u>28,000</u>	<u>16.3</u>	<u>457</u>
Grundy	161,000	8,900	17.2	153					
Hamilton	172,000	1,700	15.9	27					
Hardin	176,000	7,000	16.1	113					
Jasper	180,000	5,100	17.6	90					
					State	14,000,000	640,000	14.8	9,472

Corn Silage: Acreage, Yield, And Production, By County, 1981¹

County and district	Planted for all purposes	Harvested for silage	Yield per acre	Pro-duction	County and district	Planted for all purposes	Harvested for silage	Yield per acre	Pro-duction
	----- Acres -----	----- Acres -----	Tons	000/ton		----- Acres -----	----- Acres -----	Tons	000/ton
Buena Vista	178,000	3,400	17.1	58	Marshall	163,000	1,300	16.9	22
Cherokee	164,000	14,400	17.6	254	Polk	117,000	1,400	19.3	27
Clay	166,000	4,400	16.6	73	Poweshiek	143,000	2,400	17.9	43
Dickinson	107,000	2,500	18.0	45	Story	168,000	3,300	14.6	48
Emmet	121,000	3,500	18.9	66	Tama	180,000	3,100	18.4	57
Lyon	178,000	14,400	15.0	216	Webster	191,000	3,100	18.1	56
O'Brien	173,000	7,400	16.6	123	<i>C District</i>	<i>1,972,000</i>	<i>41,300</i>	<i>17.7</i>	<i>729</i>
Osceola	117,000	3,600	18.9	68	Benton	188,000	11,100	17.6	195
Palo Alto	172,000	2,400	18.8	45	Cedar	182,000	3,400	20.9	71
Plymouth	248,000	14,100	14.1	199	Clinton	216,000	7,600	16.6	126
Pocahontas	177,000	2,400	18.8	45	Iowa	163,000	3,500	16.3	57
Sioux	271,000	28,300	15.5	438	Jackson	134,000	8,400	20.5	172
<i>NW District</i>	<i>2,072,000</i>	<i>100,800</i>	<i>16.2</i>	<i>1,630</i>	Johnson	155,000	3,500	19.7	69
Butler	177,000	1,500	18.0	27	Jones	155,000	5,600	19.8	111
Cerro Gordo	170,000	2,700	16.7	45	Linn	156,000	1,300	16.9	22
Floyd	138,000	3,300	15.8	52	Muscatine	108,000	2,500	17.2	43
Franklin	192,000	3,800	17.9	68	Scott	146,000	1,200	20.8	25
Hancock	176,000	4,200	20.2	85	<i>EC District</i>	<i>1,603,000</i>	<i>48,100</i>	<i>18.5</i>	<i>891</i>
Humboldt	133,000	1,400	18.6	26	Adair	123,000	1,600	16.3	26
Kossuth	290,000	6,800	17.7	120	Adams	88,000	8,700	18.4	160
Mitchell	138,000	3,200	14.4	46	Cass	149,000	11,200	16.0	179
Winnebago	132,000	1,400	15.7	22	Fremont	115,000	1,600	15.6	25
Worth	124,000	1,700	16.5	28	Mills	110,000	4,600	13.9	64
Wright	190,000	3,300	17.6	58	Montgomery	99,000	2,300	11.7	27
<i>NC District</i>	<i>1,860,000</i>	<i>33,300</i>	<i>17.3</i>	<i>577</i>	Page	113,000	3,600	18.1	65
Allamakee	91,000	6,700	15.7	105	Pottawattamie	255,000	12,900	17.2	222
Black Hawk	161,000	4,400	19.3	85	Taylor	86,000	2,700	15.6	42
Bremer	135,000	2,400	19.2	46	<i>SW District</i>	<i>1,138,000</i>	<i>49,200</i>	<i>16.5</i>	<i>810</i>
Buchanan	184,000	3,200	18.4	59	Appanoose	44,000	2,500	16.0	40
Chickasaw	133,000	4,400	15.2	67	Clarke	55,000	2,200	16.8	37
Clayton	160,000	3,500	16.9	59	Decatur	62,000	6,400	15.3	98
Delaware	187,000	5,200	16.5	86	Lucas	54,000	5,000	16.0	80
Dubuque	142,000	10,400	15.7	163	Madison	93,000	2,200	15.0	33
Fayette	206,000	6,400	16.6	106	Marion	96,000	3,100	18.7	58
Howard	123,000	3,300	17.6	58	Monroe	44,000	4,800	16.7	80
Winneshie	160,000	10,500	18.5	194	Ringgold	70,000	6,300	14.4	91
<i>NE District</i>	<i>1,682,000</i>	<i>60,400</i>	<i>17.0</i>	<i>1,028</i>	Union	65,000	1,400	13.6	19
Audubon	137,000	6,500	14.8	96	Warren	100,000	3,100	14.8	46
Calhoun	164,000	4,500	16.2	73	Wayne	78,000	1,800	10.6	19
Carroll	185,000	20,400	15.8	323	<i>SC District</i>	<i>761,000</i>	<i>38,800</i>	<i>15.5</i>	<i>601</i>
Crawford	180,000	7,400	11.5	85	Davis	66,000	3,500	17.4	61
Greene	174,000	7,400	18.2	135	Des Moines	96,000	500	18.0	9
Guthrie	120,000	3,400	17.7	60	Henry	117,000	1,400	18.6	26
Harrison	175,000	3,400	10.3	35	Jefferson	79,000	600	11.7	7
Ida	131,000	3,700	13.5	50	Keokuk	144,000	3,300	18.2	60
Monona	184,000	10,400	14.6	152	Lee	88,000	2,600	18.1	47
Sac	176,000	11,400	16.8	192	Louisa	102,000	1,600	18.1	29
Shelby	195,000	11,900	14.9	177	Mahaska	141,000	5,300	18.9	100
Woodbury	274,000	14,300	13.4	191	Van Buren	66,000	1,700	15.3	26
<i>WC District</i>	<i>2,095,000</i>	<i>104,700</i>	<i>15.0</i>	<i>1,569</i>	Wapello	66,000	700	17.1	12
Boone	154,000	2,400	14.6	35	Washington	152,000	2,200	17.3	38
Dallas	158,000	2,200	19.6	43	<i>SE District</i>	<i>1,117,000</i>	<i>23,400</i>	<i>17.7</i>	<i>415</i>
Grundy	167,000	10,300	17.5	180	State	14,300,000	500,000	16.5	8,250
Hamilton	173,000	1,000	17.0	17					
Hardin	179,000	5,800	17.8	103					
Jasper	179,000	5,000	19.6	98					

¹Preliminary.

All Hay And Alfalfa, Acres Harvested, By County, 1980

County and district	Acres harvested		County and district	Acres harvested	
	All hay	Alfalfa		All hay	Alfalfa
Buena Vista	7,000	5,700	Marshall	20,300	16,500
Cherokee	12,800	10,000	Polk	11,500	8,800
Clay	11,700	9,200	Poweshiek	42,200	33,400
Dickinson	7,700	6,200	Story	8,500	6,700
Emmet	4,700	3,700	Tama	27,800	22,000
Lyon	15,700	12,300	Webster	6,200	4,900
O'Brien	9,600	7,500	<u>C District</u>	<u>197,000</u>	<u>156,000</u>
Osceola	7,800	6,600	Benton	22,800	18,400
Palo Alto	7,700	6,400	Cedar	18,100	14,800
Plymouth	19,900	15,600	Clinton	28,900	23,700
Pocahontas	4,300	3,300	Iowa	41,100	33,700
Sioux	21,100	15,500	Jackson	59,300	48,600
<u>NW District</u>	<u>130,000</u>	<u>102,000</u>	Johnson	29,900	24,500
Butler	18,400	14,600	Jones	32,400	27,100
Cerro Gordo	7,900	6,300	Linn	24,300	19,900
Floyd	14,000	11,100	Muscatine	12,200	9,700
Franklin	10,900	9,400	Scott	12,000	9,600
Hancock	9,200	7,100	<u>EC District</u>	<u>281,000</u>	<u>230,000</u>
Humboldt	4,200	3,300	Adair	41,500	34,200
Kossuth	11,700	9,300	Adams	23,900	16,000
Mitchell	15,000	11,200	Cass	27,300	21,600
Winnebago	5,400	4,300	Fremont	9,000	6,600
Worth	6,200	4,900	Mills	9,200	6,800
Wright	4,100	3,500	Montgomery	17,500	12,900
<u>NC District</u>	<u>107,000</u>	<u>85,000</u>	Page	22,000	14,700
Allamakee	68,900	58,200	Pottawattamie	28,500	21,000
Black Hawk	15,200	11,200	Taylor	29,100	19,200
Bremer	19,500	15,800	<u>SW District</u>	<u>208,000</u>	<u>153,000</u>
Buchanan	20,400	16,500	Appanoose	39,700	28,500
Chickasaw	23,100	18,700	Clarke	32,000	23,000
Clayton	78,400	64,300	Decatur	34,200	23,100
Delaware	45,400	35,100	Lucas	35,500	25,500
Dubuque	77,800	62,900	Madison	33,300	26,100
Fayette	49,400	40,000	Marion	30,200	23,100
Howard	24,600	19,400	Monroe	40,400	33,200
Winneshiek	75,300	60,900	Ringgold	46,800	30,700
<u>NE District</u>	<u>498,000</u>	<u>403,000</u>	Union	30,800	21,400
Audubon	24,000	19,400	Warren	33,100	23,800
Calhoun	8,200	6,600	Wayne	41,000	26,600
Carroll	17,900	14,500	<u>SC District</u>	<u>397,000</u>	<u>285,000</u>
Crawford	31,900	27,400	Davis	42,400	27,900
Greene	7,200	5,800	Des Moines	9,600	7,000
Guthrie	27,500	20,600	Henry	12,200	9,200
Harrison	16,300	13,200	Jefferson	21,900	15,900
Ida	14,100	11,400	Keokuk	26,700	20,900
Monona	10,100	8,200	Lee	17,300	12,200
Sac	17,200	13,900	Louisa	7,000	5,100
Shelby	18,900	15,300	Mahaska	27,700	22,300
Woodbury	20,700	16,700	Van Buren	30,400	22,100
<u>WC District</u>	<u>214,000</u>	<u>173,000</u>	Wapello	22,000	15,300
Boone	9,700	8,000	Washington	20,800	15,100
Dallas	12,800	10,100	<u>SE District</u>	<u>238,000</u>	<u>173,000</u>
Grundy	10,000	7,900	State	2,270,000	1,760,000
Hamilton	3,900	3,100			
Hardin	8,100	6,100			
Jasper	36,000	28,500			

All Hay: Acreage, Yield, And Production; Alfalfa Acreage, By County, 1981¹

County and district	All hay			Alfalfa	County and district	All hay			Alfalfa
	Har-vested	Yield	Production			Har-vested	Yield	Production	
	Acres	Tons	000/ton	Acres		Acres	Tons	000/ton	Acres
Buena Vista	6,300	4.13	26,000	5,100	Marshall	20,300	4.43	90,000	16,900
Cherokee	12,600	3.65	46,000	9,000	Polk	13,200	3.86	51,000	10,900
Clay	12,500	4.00	50,000	9,000	Poweshiek	46,300	3.46	160,000	38,300
Dickinson	7,500	4.00	30,000	6,300	Story	9,200	3.91	36,000	7,900
Emmet	3,900	5.13	20,000	3,000	Tama	29,400	3.98	117,000	24,300
Lyon	13,200	3.41	45,000	10,800	Webster	5,600	5.18	29,000	4,500
O'Brien	8,800	4.89	43,000	6,500	<i>C District</i>	208,000	3.89	809,000	173,000
Osceola	6,700	4.33	29,000	5,700	Benton	23,600	4.83	114,000	20,000
Palo Alto	8,300	3.37	28,000	6,800	Cedar	16,800	4.52	76,000	14,400
Plymouth	19,000	3.16	60,000	15,200	Clinton	27,400	4.49	123,000	22,700
Pocahontas	4,200	4.05	17,000	3,200	Iowa	39,000	4.18	163,000	31,900
Sioux	19,000	3.79	72,000	14,000	Jackson	53,400	4.38	234,000	44,200
<i>NW District</i>	122,000	3.82	466,000	94,600	Johnson	29,000	4.10	119,000	24,000
Butler	19,100	3.82	73,000	15,200	Jones	30,600	4.15	127,000	26,500
Cerro Gordo	7,400	4.05	30,000	5,800	Linn	21,700	4.38	95,000	18,500
Floyd	12,800	3.83	49,000	10,000	Muscatine	10,600	4.62	49,000	8,800
Franklin	9,800	5.00	49,000	7,900	Scott	10,900	3.39	37,000	9,000
Hancock	9,800	3.47	34,000	8,000	<i>EC District</i>	263,000	4.32	1,137,000	220,000
Humboldt	4,500	3.11	4,000	3,400	Adair	36,200	3.51	127,000	30,700
Kossuth	10,500	3.43	36,000	8,100	Adams	22,800	2.98	68,000	16,100
Mitchell	13,800	3.48	48,000	10,400	Cass	27,000	3.89	105,000	22,700
Winnebago	4,900	5.10	25,000	3,600	Fremont	9,300	3.76	35,000	7,500
Worth	6,900	3.48	24,000	5,600	Mills	9,100	3.85	35,000	7,300
Wright	4,500	3.78	17,000	4,100	Montgomery	15,500	2.97	46,000	12,300
<i>NC District</i>	104,000	3.84	399,000	82,100	Page	21,200	3.02	64,000	14,600
Allamakee	67,000	3.88	260,000	58,100	Pottawattamie	27,000	3.59	97,000	21,600
Black Hawk	14,200	4.51	64,000	11,500	Taylor	28,900	3.15	91,000	19,500
Bremer	19,300	3.83	74,000	15,600	<i>SW District</i>	197,000	3.39	668,000	152,300
Buchanan	17,300	4.22	73,000	13,600	Appanoose	38,300	2.35	90,000	24,900
Chickasaw	20,900	3.73	78,000	16,300	Clarke	31,200	3.01	94,000	23,200
Clayton	80,000	4.39	351,000	65,900	Decatur	37,400	2.78	104,000	24,600
Delaware	45,700	4.88	223,000	38,400	Lucas	30,400	3.03	92,000	21,500
Dubuque	71,300	4.39	313,000	61,800	Madison	31,900	3.13	100,000	25,400
Fayette	48,900	4.36	213,000	39,700	Marion	29,300	3.52	103,000	21,900
Howard	22,600	3.89	88,000	17,400	Monroe	41,700	3.00	125,000	33,700
Winneshiek	75,800	3.84	291,000	61,700	Ringgold	50,000	2.90	145,000	35,000
<i>NE District</i>	483,000	4.20	2,028,000	400,000	Union	28,700	3.28	94,000	20,200
Audubon	24,300	3.42	83,000	19,500	Warren	35,100	2.91	102,000	25,300
Calhoun	8,100	4.69	38,000	6,800	Wayne	42,000	2.79	117,000	28,300
Carroll	18,900	4.39	83,000	15,900	<i>SC District</i>	396,000	2.94	1,166,000	284,000
Crawford	34,500	3.48	120,000	29,400	Davis	41,200	2.52	104,000	22,400
Greene	7,600	4.61	35,000	6,400	Des Moines	8,400	3.33	28,000	6,200
Guthrie	28,900	3.01	87,000	20,800	Henry	9,800	3.37	33,000	7,500
Harrison	19,200	3.18	61,000	15,800	Jefferson	22,600	3.27	74,000	15,100
Ida	16,700	3.23	54,000	13,300	Keokuk	26,100	3.10	81,000	21,200
Monona	10,700	2.80	30,000	8,300	Lee	14,300	3.08	44,000	9,900
Sac	20,400	4.41	90,000	16,600	Louisa	5,800	3.62	21,000	4,200
Shelby	19,100	3.40	65,000	15,100	Mahaska	26,000	3.69	96,000	21,100
Woodbury	19,600	2.96	58,000	15,100	Van Buren	29,900	3.75	112,000	20,200
<i>WC District</i>	228,000	3.53	804,000	183,000	Wapello	23,500	3.40	80,000	16,400
Boone	9,700	3.51	34,000	8,400	Washington	21,400	3.46	74,000	16,800
Dallas	14,400	4.10	59,000	12,100	<i>SE District</i>	229,000	3.26	747,000	161,000
Grundy	11,500	4.78	55,000	9,600	State	2,230,000	3.69	8,224,000	1,750,000
Hamilton	3,500	3.71	13,000	2,800					
Hardin	8,500	4.71	40,000	6,700					
Jasper	36,400	3.43	125,000	30,600					

¹Preliminary.

Oats: Acreage, Yield, And Production, By County, 1980

County and district	Planted for all purposes	Harvested for grain	Yield per acre	Pro-duction	County and district	Planted for all purposes	Harvested for grain	Yield per acre	Pro-duction
	----- Acres -----		Bu.	000/bu.		----- Acres -----		Bu.	000/bu.
Buena Vista	7,600	6,800	71.2	484	Marshall	10,400	8,200	65.9	540
Cherokee	10,500	8,100	74.6	604	Polk	7,000	5,000	57.0	285
Clay	7,000	6,100	68.5	418	Poweshiek	22,400	19,700	60.0	1,182
Dickinson	4,800	3,800	70.5	268	Story	4,500	3,900	72.1	281
Emmet	2,700	2,000	72.5	145	Tama	18,500	15,900	65.9	1,048
Lyon	29,100	23,100	72.6	1,676	Webster	5,700	4,900	76.5	375
O'Brien	8,700	7,200	81.0	583	<i>C District</i>	125,000	104,000	65.7	6,832
Osceola	8,700	6,600	72.7	480	Benton	19,500	16,400	67.6	1,108
Palo Alto	7,400	6,500	72.3	470	Cedar	11,500	9,200	71.1	654
Plymouth	35,300	30,900	69.3	2,140	Clinton	17,700	15,200	61.6	937
Pocahontas	5,300	4,400	80.5	354	Iowa	17,000	14,800	56.6	837
Sioux	37,900	28,500	72.7	2,073	Jackson	22,500	19,000	48.8	928
<i>NW District</i>	165,000	134,000	72.4	9,695	Johnson	15,500	13,400	58.0	777
Butler	17,900	15,000	64.3	965	Jones	20,200	16,100	60.3	971
Cerro Gordo	9,700	8,600	66.4	571	Linn	16,200	14,700	63.5	933
Floyd	10,500	9,100	61.2	557	Muscatine	7,000	6,200	56.0	347
Franklin	9,100	8,000	71.4	571	Scott	7,900	7,000	71.7	502
Hancock	9,900	8,800	69.0	607	<i>EC District</i>	155,000	132,000	60.6	7,994
Humboldt	5,200	4,700	73.2	344	Adair	20,300	13,100	51.7	677
Kossuth	10,800	10,000	72.7	727	Adams	11,600	7,100	43.2	307
Mitchell	15,600	12,000	61.1	733	Cass	16,000	5,600	44.5	249
Winnebago	5,200	4,100	62.0	254	Fremont	2,400	1,100	51.8	57
Worth	7,700	6,200	61.6	382	Mills	5,200	2,800	55.4	155
Wright	4,400	3,500	67.4	236	Montgomery	7,900	5,000	44.4	222
<i>NC District</i>	106,000	90,000	66.1	5,947	Page	8,900	5,200	44.2	230
Allamakee	24,900	20,500	59.7	1,224	Pottawattamie	16,700	10,700	50.7	543
Black Hawk	12,700	9,900	61.6	610	Taylor	12,000	6,400	38.0	243
Bremer	15,800	12,600	64.8	817	<i>SW District</i>	101,000	57,000	47.1	2,683
Buchanan	18,000	15,000	64.3	964	Appanoose	5,800	3,000	43.3	130
Chickasaw	15,900	13,100	65.5	858	Clarke	8,600	4,600	50.0	230
Clayton	36,600	30,000	64.4	1,933	Decatur	4,600	3,000	45.3	136
Delaware	31,000	25,700	57.8	1,485	Lucas	6,000	4,000	40.8	163
Dubuque	35,900	29,600	61.2	1,812	Madison	11,600	6,800	49.4	336
Fayette	29,500	24,300	65.6	1,593	Marion	12,100	7,800	45.8	357
Howard	16,000	14,000	67.5	945	Monroe	7,700	3,800	35.8	136
Winneshiek	36,700	31,300	61.3	1,919	Ringgold	9,300	5,000	47.0	235
<i>NE District</i>	273,000	226,000	62.7	14,160	Union	11,500	8,100	47.8	387
Audubon	14,900	10,500	56.2	590	Warren	10,700	5,300	48.9	259
Calhoun	8,000	6,800	83.2	566	Wayne	12,100	6,600	41.2	272
Carroll	17,500	15,000	70.0	1,050	<i>SC District</i>	100,000	58,000	45.5	2,641
Crawford	27,500	21,600	61.8	1,334	Davis	8,600	4,400	42.7	188
Greene	6,000	5,500	82.0	451	Des Moines	5,000	3,200	45.0	144
Guthrie	15,000	11,500	56.1	645	Henry	6,600	4,000	56.3	225
Harrison	12,100	7,300	53.2	388	Jefferson	8,600	5,700	49.5	282
Ida	12,500	9,600	72.2	693	Keokuk	11,800	10,200	55.3	564
Monona	11,200	6,500	61.5	400	Lee	3,500	2,000	56.5	113
Sac	13,500	10,200	75.4	769	Louisa	3,500	3,000	56.7	170
Shelby	24,400	17,400	56.4	981	Mahaska	15,800	10,900	57.3	625
Woodbury	24,400	17,100	62.3	1,066	Van Buren	7,900	3,800	32.1	122
<i>WC District</i>	187,000	139,000	64.3	8,933	Wapello	5,100	3,200	47.5	152
Boone	7,200	6,600	73.6	486	Washington	11,600	9,600	55.2	530
Dallas	5,800	4,600	60.2	277	<i>SE District</i>	88,000	60,000	51.9	3,115
Grundy	9,000	7,800	71.3	556					
Hamilton	5,100	4,700	73.0	343	State	1,300,000		62.0	
Hardin	6,900	4,700	65.1	306			1,000,000		62,000
Jasper	22,500	18,000	64.1	1,153					

Oats: Acreage, Yield, And Production, By County, 1981¹

County and district	Planted for all purposes	Harvested for grain	Yield per acre	Pro-duction	County and district	Planted for all purposes	Harvested for grain	Yield per acre	Pro-duction
	-----Acres-----		Bu. 1000			-----Acres-----		Bu. 1000 bu.	
Buena Vista	7,600	6,500	69.8		Marshall	8,800	7,600	63.2	480
Cherokee	9,400	6,400	77.5		Polk	6,000	5,200	52.5	273
Clay	6,200	5,400	63.9	45	Poweshiek	17,100	14,900	59.2	882
Dickinson	3,800	2,900	74.8	217	Story	4,000	3,500	59.7	209
Emmet	2,400	1,700	75.3	128	Tama	15,300	13,900	62.7	872
Lyon	30,000	22,500	57.6	1,297	Webster	5,600	5,100	70.8	361
O'Brien	10,000	6,900	79.4	548	<u>C District</u>	<u>103,000</u>	<u>89,000</u>	<u>61.7</u>	<u>5,494</u>
Osceola	8,500	7,100	75.6	537	Benton	15,300	12,300	70.0	861
Palo Alto	8,200	7,000	74.9	524	Cedar	12,800	11,600	73.2	849
Plymouth	38,500	28,200	61.7	1,740	Clinton	16,300	14,900	73.4	1,094
Pocahontas	6,100	4,300	76.5	329	Iowa	17,500	15,700	57.5	902
Sioux	38,300	27,100	70.0	1,897	Jackson	22,100	19,900	68.5	1,364
<u>NW District</u>	<u>169,000</u>	<u>126,000</u>	<u>67.6</u>	<u>8,512</u>	Johnson	14,500	11,300	64.0	723
Butler	13,300	11,800	58.0	684	Jones	18,900	15,600	67.3	1,050
Cerro Gordo	7,900	7,300	61.9	452	Linn	16,600	14,900	66.6	993
Floyd	8,700	7,400	54.1	400	Muscatine	7,700	6,000	58.3	350
Franklin	9,100	7,100	65.5	465	Scott	6,300	5,800	75.0	435
Hancock	9,000	7,900	66.6	526	<u>EC District</u>	<u>148,000</u>	<u>128,000</u>	<u>67.4</u>	<u>8,621</u>
Humboldt	5,200	4,800	71.5	343	Adair	16,200	11,000	50.5	555
Kossuth	10,800	9,700	57.2	555	Adams	10,700	9,400	45.3	426
Mitchell	11,800	7,900	58.9	465	Cass	15,700	11,400	55.2	629
Winnebago	4,300	4,000	55.0	220	Fremont	2,100	1,400	61.4	86
Worth	6,600	5,100	53.3	272	Mills	4,200	3,100	57.1	177
Wright	3,300	3,000	63.3	190	Montgomery	6,600	4,600	46.3	213
<u>NC District</u>	<u>90,000</u>	<u>76,000</u>	<u>60.2</u>	<u>4,572</u>	Page	9,800	6,100	54.1	330
Allamakee	23,700	20,700	61.4	1,270	Pettawattamie	15,900	10,000	62.1	621
Black Hawk	12,500	11,300	69.1	781	Taylor	12,800	11,000	56.1	617
Bremer	11,500	9,100	57.9	527	<u>SW District</u>	<u>94,000</u>	<u>68,000</u>	<u>53.7</u>	<u>3,654</u>
Buchanan	18,000	15,300	69.2	1,059	Appanoose	5,500	4,300	47.4	204
Chickasaw	14,300	11,800	58.0	684	Clarke	6,300	5,900	55.1	325
Clayton	36,700	30,300	75.9	2,301	Decatur	3,300	2,400	52.9	127
Delaware	28,000	20,400	61.9	1,262	Lucas	4,200	2,600	51.5	134
Dubuque	32,800	27,300	74.0	2,020	Madison	11,900	8,300	45.9	381
Fayette	21,300	19,100	66.0	1,261	Marion	12,000	9,300	57.2	532
Howard	13,100	11,800	65.1	768	Monroe	5,400	4,700	45.5	214
Winneshiek	34,100	26,900	60.5	1,628	Ringgold	9,800	8,700	55.2	480
<u>NE District</u>	<u>246,000</u>	<u>204,000</u>	<u>66.5</u>	<u>13,561</u>	Union	11,100	9,500	59.3	563
Audubon	11,900	9,100	66.2	602	Warren	8,000	6,200	49.8	309
Calhoun	8,800	7,200	74.7	538	Wayne	8,500	5,100	49.2	251
Carroll	16,000	13,400	60.7	813	<u>SC District</u>	<u>86,000</u>	<u>67,000</u>	<u>52.5</u>	<u>3,520</u>
Crawford	23,400	18,800	51.4	967	Davis	7,800	6,700	43.6	292
Greene	6,400	4,700	53.4	251	Des Moines	4,300	2,600	55.4	144
Guthrie	13,300	10,600	53.3	565	Henry	5,300	3,500	61.7	216
Harrison	13,200	9,600	55.1	529	Jefferson	7,300	5,800	45.5	264
Ida	14,700	9,400	65.0	611	Keokuk	12,300	10,600	52.5	556
Monona	12,900	7,800	45.0	351	Lee	2,800	2,400	45.8	110
Sac	14,700	11,600	71.5	829	Louisa	4,000	3,500	64.3	225
Shelby	22,900	19,400	66.4	1,289	Mahaska	15,000	10,600	55.9	593
Woodbury	24,800	18,400	52.7	969	Van Buren	6,900	4,200	43.6	183
<u>WC District</u>	<u>183,000</u>	<u>140,000</u>	<u>59.4</u>	<u>8,314</u>	Wapello	5,600	3,400	49.4	168
Boone	6,700	4,200	46.2	194	Washington	9,700	8,700	59.9	521
Dallas	5,600	4,000	50.3	201	<u>SE District</u>	<u>81,000</u>	<u>62,000</u>	<u>52.8</u>	<u>3,272</u>
Grundy	6,800	5,900	74.1	437					
Hamilton	4,100	3,800	65.0	247					
Hardin	5,500	5,000	60.0	300					
Jasper	17,500	15,900	65.3	1,038	State	1,200,000	960,000	62.0	59,520

¹Preliminary.

Sorghum: Acreage, Yield, And Production, By County, 1980

County and district	Planted for all purposes	Harvested for grain	Yield per acre	Pro-duction	County and district	Planted for all purposes	Harvested for grain	Yield per acre	Pro-duction
--- Acres --- --- Bushels ---					--- Acres --- --- Bushels ---				
Buena Vista	*				Marshall	*			
Cherokee	500	250	71.2	17,800	Poik	900	450	68.7	30,900
Clay	200	100	71.0	7,100	Poweshiek	100	50	68.0	3,400
Dickinson	*				Story	*			
Emmet	*				Tama	*			
Lyon	800	450	71.1	32,000	Webster	*			
O'Brien	300	150	71.3	10,700	<u>C District</u>	<u>1,400</u>	<u>700</u>	<u>68.6</u>	<u>48,000</u>
Osceola	*				Benton	300	100	70.0	7,000
Palo Alto	400	200	71.0	14,200	Cedar	*			
Plymouth	400	250	71.2	17,800	Clinton	*			
Pocahontas	*				Iowa	*			
Sioux	400	200	71.5	14,300	Jackson	*			
<u>NW District</u>	<u>3,100</u>	<u>1,700</u>	<u>71.2</u>	<u>121,000</u>	Johnson	*			
Butler	*				Jones	*			
Cerro Gordo	*				Linn	2,200	500	70.0	35,000
Floyd	*				Muscatine	300	150	70.0	10,500
Franklin	*				Scott	*			
Hancock	200	100	65.0	6,500	<u>EC District</u>	<u>2,900</u>	<u>800</u>	<u>70.0</u>	<u>56,000</u>
Humboldt	100	50	66.0	3,300	Adair	450	300	69.0	20,700
Kossuth	500	200	65.0	13,000	Adams	400	300	69.0	20,700
Mitchell	*				Cass	1,700	1,200	68.9	82,700
Winnebago	*				Fremont	1,600	1,300	68.8	89,500
Worth	*				Mills	150	100	69.0	6,900
Wright	*				Montgomery	150	100	69.0	6,900
<u>NC District</u>	<u>900</u>	<u>400</u>	<u>65.0</u>	<u>26,000</u>	Page	600	500	68.8	34,400
Allamakee	*				Pottawattamie	600	500	69.0	34,400
Black Hawk	*				Taylor	250	200	68.9	13,800
Bremer	*				<u>SW District</u>	<u>5,900</u>	<u>4,500</u>	<u>69.7</u>	<u>310,000</u>
Buchanan	*				Appanoose	400	350	69.7	24,400
Chickasaw	*				Clarke	850	750	69.6	52,200
Clayton	*				Decatur	300	250	69.6	17,400
Delaware	*				Lucas	500	250	69.6	17,400
Dubuque	150	50	70.0	3,500	Madison	800	700	69.6	48,700
Fayette	250	100	70.0	7,000	Marion	600	450	69.6	31,300
Howard	*				Monroe	150	100	70.0	7,000
Winneshiek	*				Ringgold	600	500	69.6	34,800
<u>NE District</u>	<u>500</u>	<u>200</u>	<u>70.0</u>	<u>14,000</u>	Union	100	50	70.0	3,500
Audubon	250	150	72.0	10,800	Warren	2,100	2,000	69.7	139,300
Calhoun	*				Wayne	200	100	70.0	7,000
Carroll	1,300	800	71.8	57,400	<u>SC District</u>	<u>6,600</u>	<u>5,500</u>	<u>69.6</u>	<u>383,000</u>
Crawford	1,650	1,000	71.7	71,700	Davis	350	150	70.0	10,500
Greene	*				Des Moines	*			
Guthrie	500	300	71.7	21,500	Henry	*			
Harrison	750	500	71.8	35,900	Jefferson	*			
Ida	*				Keokuk	150	50	70.0	3,500
Monona	1,000	600	71.7	43,000	Lee	*			
Sac	250	150	72.0	10,800	Louisa	*			
Shelby	1,200	800	71.8	57,400	Mahaska	*			
Woodbury	400	250	71.6	17,900	Van Buren	200	100	70.0	7,000
<u>WC District</u>	<u>7,400</u>	<u>4,600</u>	<u>71.7</u>	<u>330,000</u>	Wapello	*			
Boone	*				Washington	400	200	70.0	14,000
Dallas	*				<u>SE District</u>	<u>1,300</u>	<u>600</u>	<u>70.0</u>	<u>42,000</u>
Grundy	*				State	30,000		70.0	
Hamilton	*						19,000		1,330,000
Hardin	200	100	69.0	6,900					
Jasper	100	50	68.0	3,400					

*Less than 100 acres not published.

Sorghum: Acreage, Yield, And Production, By County, 1981¹

County and district	Planted for all purposes	Harvested for grain	Yield per acre	Pro-duction	County and district	Planted for all purposes	Harvested for grain	Yield per acre	Pro-duction
	--- Acres ---		--- Bushels ---			--- Acres ---		--- Bushels ---	
Buena Vista	*				Marshall	200	100	89.0	8,900
Cherokee	300	200	95.0	19,000	Polk	500	250	96.0	24,000
Clay	100	50	88.0	4,400	Poweshiek	*			
Dickinson	*				Story	*			
Emmet	*				Tama	*			
Lyon	600	400	87.5	35,000	Webster	*			
O'Brien	300	200	95.0	19,000	<u>C District</u>	<u>1,400</u>	<u>700</u>	<u>92.9</u>	<u>65,000</u>
Osceola	*				Benton	200	150	91.3	13,700
Palo Alto	300	200	95.0	19,000	Cedar	*			
Plymouth	300	150	88.0	13,200	Clinton	*			
Pocahontas	*				Iowa	400	250	96.0	24,000
Sioux	400	250	96.0	24,000	Jackson	*			
<u>NW District</u>	<u>2,400</u>	<u>1,500</u>	<u>92.0</u>	<u>138,000</u>	Johnson	*			
Butler	*				Jones	*			
Cerro Gordo	*				Linn	100	50	94.0	4,700
Floyd	*				Muscatine	200	150	90.7	13,600
Franklin	*				Scott	*			
Hancock	100	50	86.0	4,300	<u>EC District</u>	<u>1,000</u>	<u>600</u>	<u>93.3</u>	<u>56,000</u>
Humboldt	*				Adair	300	250	100.0	25,000
Kossuth	300	200	95.0	19,000	Adams	300	250	100.0	25,000
Mitchell	700	400	92.5	37,000	Cass	900	800	98.8	79,000
Winnebago	*				Fremont	1,100	900	98.9	89,000
Worth	*				Mills	1,300	900	96.7	87,000
Wright	*				Montgomery	500	400	100.0	40,000
<u>NC District</u>	<u>1,200</u>	<u>700</u>	<u>92.9</u>	<u>65,000</u>	Page	1,000	700	100.0	70,000
Allamakee	*				Pottawattamie	700	600	101.7	61,000
Black Hawk	*				Taylor	900	800	97.5	78,000
Bremer	*				<u>SW District</u>	<u>7,000</u>	<u>5,600</u>	<u>98.9</u>	<u>554,000</u>
Buchanan	*				Appanoose	1,100	700	92.9	65,000
Chickasaw	*				Clarke	500	400	92.5	37,000
Clayton	*				Decatur	500	400	92.5	37,000
Delaware	*				Lucas	300	200	95.0	19,000
Dubuque	*				Madison	400	200	95.0	19,000
Fayette	200	100	91.0	9,100	Marion	300	200	95.0	19,000
Howard	*				Monroe	200	150	90.7	13,600
Winneshie	*				Ringgold	1,100	700	90.0	63,000
<u>NE District</u>	<u>400</u>	<u>200</u>	<u>95.0</u>	<u>19,000</u>	Union	200	150	89.3	13,400
Audubon	200	150	70.0	10,500	Warren	1,200	800	88.8	71,000
Cal'houn	*				Wayne	700	400	92.5	37,000
Carroll	500	250	76.0	19,000	<u>SE District</u>	<u>6,500</u>	<u>4,300</u>	<u>91.6</u>	<u>394,000</u>
Crawford	2,000	1,200	70.8	85,000	Davis	200	150	90.7	13,600
Greene	*				Des Moines	*			
Guthrie	1,500	900	73.3	66,000	Henry	*			
Harrison	1,500	1,100	67.3	74,000	Jefferson	*			
Ida	200	150	70.0	10,500	Keokuk	*			
Monona	1,800	1,000	73.0	73,000	Lee	*			
Sac	300	200	70.0	14,000	Louisa	*			
Shelby	600	350	74.3	26,000	Mahaska	*			
Woodbury	700	500	70.0	35,000	Van Buren	100	100	90.0	9,000
<u>WC District</u>	<u>9,400</u>	<u>5,800</u>	<u>71.2</u>	<u>413,000</u>	Wapello	*			
Boone	100	50	90.0	4,500	Washington	300	250	96.0	24,000
Dallas	200	100	89.0	8,900	<u>SE District</u>	<u>700</u>	<u>600</u>	<u>93.3</u>	<u>56,000</u>
Grundy	*								
Hamilton	*								
Hardin	100	50	90.0	4,500	State	30,000		88.0	
Jasper	*						20,000		1,760,000

¹Preliminary. *Less than 100 acres not published.

Soybeans: Acreage, Yield, And Production, By County, 1980

County and district	Planted for all purposes	Harvested for beans	Yield per acre	Pro-duction	County and district	Planted for all purposes	Harvested for beans	Yield per acre	Pro-duction
	Acres		Bu.	1000 bu.		Acres		Bu.	1000 bu.
Buena Vista	133,100	133,000	40.7	5,410	Marshall	84,400	84,300	43.9	3,700
Cherokee	96,400	96,400	42.2	4,070	Polk	94,500	94,100	40.5	3,810
Clay	128,300	128,200	37.4	4,790	Poweshiek	70,100	70,000	41.0	2,870
Dickinson	83,600	83,500	40.0	3,340	Story	131,200	131,100	42.2	5,530
Emmet	97,300	97,300	41.1	4,000	Tama	105,400	105,300	42.9	4,520
Lyon	101,800	101,700	38.2	3,890	Webster	179,300	179,200	42.7	7,660
O'Brien	136,600	136,500	39.6	5,400	<i>C District</i>	1,343,000	1,341,000	42.1	56,430
Osceola	102,600	102,500	39.4	4,040	Benton	114,500	114,400	41.3	4,730
Palo Alto	146,100	146,000	38.4	5,600	Cedar	75,100	75,000	44.4	3,330
Plymouth	118,700	118,600	36.5	4,330	Clinton	69,100	68,900	45.1	3,110
Pocahontas	154,000	153,900	38.3	5,890	Iowa	46,100	46,000	38.3	1,760
Sioux	104,500	104,400	40.5	4,230	Jackson	9,900	9,900	43.4	430
<i>NW District</i>	1,403,000	1,402,000	39.2	54,990	Johnson	61,800	61,700	40.2	2,480
Butler	114,400	114,300	40.1	4,580	Jones	43,800	43,700	43.2	1,890
Cerro Gordo	112,400	112,300	37.8	4,240	Linn	95,200	95,100	41.0	3,900
Floyd	105,300	105,200	34.5	3,630	Muscatine	50,100	50,000	42.2	2,110
Franklin	124,400	124,300	39.9	4,960	Scott	42,400	42,300	44.2	1,870
Hancock	124,600	124,500	39.3	4,890	<i>EC District</i>	608,000	607,000	42.2	25,610
Humboldt	110,400	110,300	38.9	4,290	Adair	59,300	56,500	37.5	2,120
Kossuth	247,100	247,000	41.0	10,130	Adams	40,100	38,900	35.2	1,370
Mitchell	93,600	93,600	29.0	2,710	Cass	72,800	70,300	35.4	2,490
Winnebago	106,400	106,300	33.2	3,530	Fremont	114,100	113,300	37.0	4,190
Worth	91,700	91,600	31.3	2,870	Mills	80,200	79,400	37.4	2,970
Wright	164,700	164,600	38.2	6,280	Montgomery	69,700	67,400	35.6	2,400
<i>NC District</i>	1,395,000	1,394,000	37.4	52,110	Page	85,700	83,400	31.2	2,600
Allamakee	3,400	3,400	38.2	130	Pottawattamie	144,800	139,800	35.9	5,025
Black Hawk	94,600	94,500	41.8	3,950	Taylor	57,300	57,000	30.0	1,710
Bremer	75,400	75,300	36.3	2,730	<i>SW District</i>	724,000	706,000	35.2	24,875
Buchanan	93,300	93,200	39.8	3,710	Appanoose	41,100	41,000	27.6	1,130
Chickasaw	75,500	75,300	33.1	2,490	Clarke	32,400	32,300	32.5	1,050
Clayton	7,100	7,100	35.6	260	Decatur	40,000	39,900	31.1	1,240
Delaware	32,900	32,800	41.5	1,360	Lucas	25,800	25,700	30.4	780
Dubuque	2,400	2,400	45.8	110	Madison	56,800	56,700	38.8	2,200
Fayette	88,000	87,900	40.7	3,580	Marion	56,100	56,000	39.3	2,200
Howard	73,200	73,000	34.1	2,490	Monroe	26,300	26,300	33.8	890
Winneshek	18,200	18,100	38.7	700	Ringgold	52,500	52,400	33.6	1,760
<i>NE District</i>	564,000	563,000	38.2	21,510	Union	30,700	30,600	35.0	1,070
Audubon	54,000	53,900	35.4	1,910	Warren	56,000	55,900	37.4	2,090
Calhoun	149,000	148,900	43.3	6,440	Wayne	54,300	54,200	31.5	1,710
Carroll	103,400	103,300	40.8	4,210	<i>SC District</i>	472,000	471,000	34.2	16,120
Crawford	82,200	82,000	33.7	2,760	Davis	51,000	50,800	31.3	1,590
Greene	135,500	135,400	41.9	5,680	Des Moines	56,800	56,600	39.4	2,230
Guthrie	65,800	65,700	36.4	2,390	Henry	57,900	57,700	39.3	2,270
Harrison	109,600	109,400	32.9	3,600	Jefferson	57,300	57,100	37.8	2,160
Ida	62,500	62,400	34.1	2,130	Keokuk	64,200	64,100	42.7	2,740
Monona	100,300	100,200	26.5	2,660	Lee	63,700	63,500	37.5	2,380
Sac	109,500	109,400	35.4	3,870	Louisa	50,300	50,000	42.4	2,120
Shelby	79,600	77,900	36.5	2,840	Mahaska	76,900	76,800	41.9	3,220
Woodbury	87,600	87,500	30.9	2,700	Van Buren	47,200	47,000	31.3	1,470
<i>WC District</i>	1,139,000	1,136,000	36.3	41,190	Wapello	54,500	54,300	39.4	2,140
Boone	120,400	120,100	43.1	5,180	Washington	72,200	72,100	44.9	3,240
Dallas	105,900	105,800	42.1	4,450	<i>SE District</i>	652,000	650,000	39.3	25,560
Grundy	105,000	104,900	43.6	4,570	State	8,300,000	8,270,000	38.5	318,395
Hamilton	147,000	146,700	40.1	5,880					
Hardin	111,600	111,400	40.5	4,510					
Jasper	88,200	88,100	42.6	3,750					

Soybeans: Acreage, Yield, And Production, By County, 1981¹

County and district	Planted for all purposes	Harvested for beans	Yield per acre	Pro-duction	County and district	Planted for all purposes	Harvested for beans	Yield per acre	Pro-duction
	----- Acres -----		Bu.	1000 bu.		----- Acres -----		Bu.	1000 bu.
Buena Vista	132,000	131,600	42.5	5,589	Marshall	87,400	87,300	46.7	4,073
Cherokee	93,500	93,200	43.3	4,038	Polk	92,800	92,700	44.0	4,078
Clay	123,000	122,500	37.9	4,637	Poweshiek	72,400	71,400	45.8	3,272
Dickinson	79,700	79,600	38.5	3,067	Story	135,000	134,600	44.2	5,945
Emmet	94,400	94,200	38.0	3,576	Tama	105,000	104,800	44.2	4,632
Lyon	105,000	104,800	38.1	3,994	Webster	175,000	174,500	45.0	7,851
O'Brien	130,000	128,400	41.7	5,348	<u>C District</u>	<u>1,351,000</u>	<u>1,347,000</u>	<u>44.2</u>	<u>59,483</u>
Osceola	97,400	97,200	37.0	3,596	Benton	116,000	115,800	42.0	4,869
Palo Alto	141,000	140,500	37.6	5,287	Cedar	76,800	76,700	46.9	3,597
Plymouth	121,000	120,800	37.7	4,560	Clinton	70,500	69,700	45.9	3,197
Pocahontas	151,000	150,500	39.3	5,920	Iowa	43,800	43,800	44.9	1,966
Sioux	102,000	101,700	43.1	4,385	Jackson	9,000	9,000	43.7	393
<u>NW District</u>	<u>1,370,000</u>	<u>1,365,000</u>	<u>39.6</u>	<u>53,997</u>	Johnson	54,100	54,100	42.4	2,296
Butler	114,000	113,600	38.5	4,371	Jones	41,500	41,400	45.0	1,862
Cerro Gordo	113,000	109,900	33.5	3,682	Linn	97,500	96,800	43.6	4,218
Floyd	108,000	105,500	33.8	3,567	Muscatine	49,600	49,600	44.2	2,191
Franklin	120,000	115,800	34.9	4,036	Scott	37,200	37,100	44.9	1,667
Hancock	124,000	121,700	36.8	4,479	<u>EC District</u>	<u>596,000</u>	<u>594,000</u>	<u>44.2</u>	<u>26,256</u>
Humboldt	109,000	108,000	42.7	4,616	Adair	62,000	62,000	43.1	2,675
Kossuth	243,000	240,300	35.3	8,473	Adams	40,500	40,500	42.5	1,720
Mitchell	91,100	88,000	34.8	3,060	Cass	70,900	70,800	43.7	3,097
Winnebago	93,300	90,100	27.1	2,440	Freemont	108,000	107,800	43.3	4,668
Worth	86,600	85,100	27.1	2,305	Mills	77,000	77,000	40.7	3,135
Wright	157,000	156,000	41.2	6,429	Montgomery	71,000	71,000	39.4	2,799
<u>NC District</u>	<u>1,359,000</u>	<u>1,334,000</u>	<u>35.6</u>	<u>47,458</u>	Page	93,400	93,400	40.1	3,741
Allamakee	3,700	3,700	37.6	139	Pottawattamie	145,000	144,300	42.7	6,159
Black Hawk	93,200	92,900	42.3	3,930	Taylor	63,200	63,200	40.7	2,575
Bremer	64,300	62,700	35.1	2,201	<u>SW District</u>	<u>731,000</u>	<u>730,000</u>	<u>41.9</u>	<u>30,569</u>
Buchanan	87,900	87,500	40.3	3,527	Appanoose	37,000	35,800	32.4	1,159
Chickasaw	77,600	77,600	28.8	2,232	Clarke	29,000	28,500	39.5	1,125
Clayton	7,000	6,900	43.5	300	Decatur	35,400	35,400	41.2	1,460
Delaware	32,800	32,800	40.5	1,329	Lucas	23,000	23,000	40.9	941
Dubuque	2,500	2,500	46.8	117	Madison	57,900	57,600	42.7	2,461
Fayette	85,100	83,500	37.7	3,148	Marion	54,700	54,500	41.1	2,240
Howard	68,200	68,200	38.0	2,590	Monroe	22,800	22,800	36.6	835
Winneshiek	19,700	19,700	37.7	742	Ringgold	52,300	51,000	41.3	2,105
<u>NE District</u>	<u>542,000</u>	<u>538,000</u>	<u>37.6</u>	<u>20,255</u>	Union	28,900	28,800	41.5	1,194
Audubon	54,700	54,700	44.3	2,424	Warren	53,500	53,100	42.4	2,250
Calhoun	145,000	143,500	41.1	5,896	Wayne	56,500	56,500	31.6	1,787
Carroll	109,000	109,000	43.1	4,696	<u>SC District</u>	<u>451,000</u>	<u>447,000</u>	<u>39.3</u>	<u>17,557</u>
Crawford	89,100	88,900	40.1	3,566	Davis	45,300	45,200	34.5	1,558
Greene	135,000	134,800	45.5	6,129	Des Moines	54,400	53,700	42.7	2,293
Guthrie	69,200	69,200	41.8	2,892	Henry	50,300	50,300	44.0	2,211
Harrison	115,000	114,900	40.0	4,596	Jefferson	59,500	59,400	39.3	2,335
Ida	61,400	61,400	39.2	2,405	Keokuk	68,700	68,500	45.8	3,134
Monona	97,000	97,000	35.8	3,471	Lee	62,400	62,200	41.1	2,558
Sac	117,000	116,800	41.7	4,866	Louisa	50,200	50,200	46.0	2,310
Shelby	75,800	75,800	43.7	3,314	Mahaska	77,300	77,000	44.5	3,428
Woodbury	94,800	94,000	37.2	3,500	Van Buren	46,200	46,000	33.0	1,516
<u>WC District</u>	<u>1,163,000</u>	<u>1,160,000</u>	<u>41.2</u>	<u>47,755</u>	Wapello	53,000	53,000	40.3	2,136
Boone	125,000	124,500	42.0	5,226	Washington	69,700	69,500	47.0	3,266
Dallas	113,000	112,800	46.2	5,210	<u>SE District</u>	<u>637,000</u>	<u>635,000</u>	<u>42.1</u>	<u>26,745</u>
Grundy	102,000	101,800	43.1	4,383	State	8,200,000		40.5	
Hamilton	145,000	144,500	43.4	6,265			8,150,000		330,075
Hardin	110,000	109,800	41.9	4,601					
Jasper	88,400	88,300	44.7	3,947					

¹ Preliminary.

All Wheat: Acreage, Yield, And Production, By County, 1980

County and district	Planted for all purposes	Har. vested	Yield per acre	Pro-duction	County and district	Planted for all purposes	Har-vested	Yield per acre	Pro-duction
--- Acres --- --- Bushels ---					--- Acres --- --- Bushels ---				
Buena Vista	*	*	*	*	Marshall	100	100	38.0	3,800
Cherokee	200	200	31.0	6,200	Polk	700	600	33.5	20,100
Clay	200	200	28.0	5,600	Poweshiek	*	*	*	*
Dickinson	100	100	30.0	3,000	Story	100	100	35.0	3,500
Emmet	100	100	29.0	2,900	Tama	200	200	34.5	6,900
Lyon	500	500	30.0	15,000	Webster	100	100	34.0	3,400
O'Brien	*	*	*	*	<u>C District</u>	<u>1,900</u>	<u>1,700</u>	<u>35.3</u>	<u>60,000</u>
Osceola	1,100	1,000	32.4	32,400	Benton	200	200	38.0	7,600
Palo Alto	100	100	32.0	3,200	Cedar	200	200	35.5	7,100
Plymouth	600	500	32.6	16,300	Clinton	100	100	42.0	4,200
Pocahontas	200	200	30.0	6,000	Iowa	100	100	42.0	4,200
Sioux	400	400	33.5	13,400	Jackson	700	550	38.7	21,300
<u>NW District</u>	<u>3,600</u>	<u>3,400</u>	<u>31.5</u>	<u>107,000</u>	Johnson	300	250	43.2	10,800
Butler	100	100	41.0	4,100	Jones	200	200	38.0	7,600
Cerro Gordo	500	450	36.0	16,200	Linn	400	350	38.6	13,500
Floyd	300	300	42.0	12,600	Muscatine	700	550	38.9	21,400
Franklin	100	100	39.0	3,900	Scott	200	200	36.5	7,300
Hancock	200	200	39.0	7,800	<u>EC District</u>	<u>3,100</u>	<u>2,700</u>	<u>38.8</u>	<u>105,000</u>
Humboldt	100	100	35.0	3,500	Adair	300	300	33.0	9,900
Kossuth	100	100	42.0	4,200	Adams	1,700	1,500	38.9	58,300
Mitchell	1,300	1,200	36.9	44,300	Cass	1,400	1,200	37.9	45,500
Winnebago	400	350	40.6	14,200	Fremont	5,400	4,900	38.9	190,600
Worth	*	*	*	*	Mills	5,500	5,000	37.9	189,500
Wright	*	*	*	*	Montgomery	2,100	1,900	41.9	79,600
<u>NC District</u>	<u>3,200</u>	<u>3,000</u>	<u>38.3</u>	<u>115,000</u>	Page	5,000	4,500	38.9	175,000
Allamakee	*	*	*	*	Pottawattamie	5,300	4,800	36.9	177,100
Black Hawk	200	200	37.0	7,400	Taylor	3,100	2,700	33.9	91,500
Bremer	500	450	37.8	17,000	<u>SW District</u>	<u>29,800</u>	<u>26,800</u>	<u>37.9</u>	<u>1,017,000</u>
Buchanan	100	100	42.0	4,200	Appanoose	1,900	1,800	35.9	64,600
Chickasaw	300	250	42.0	10,500	Clarke	700	650	37.8	24,600
Clayton	200	200	39.0	7,800	Decatur	1,100	1,000	37.3	37,300
Delaware	100	100	45.0	4,500	Lucas	500	500	35.8	17,900
Dubuque	*	*	*	*	Madison	900	850	37.3	31,700
Fayette	300	300	33.7	10,100	Marion	1,200	1,150	36.9	42,400
Howard	1,000	900	36.8	33,100	Monroe	600	550	35.1	19,300
Winnebago	100	100	34.0	3,400	Ringgold	5,100	2,900	34.0	98,600
<u>NE District</u>	<u>2,900</u>	<u>2,700</u>	<u>37.8</u>	<u>102,000</u>	Union	1,200	1,150	32.6	37,500
Audubon	200	200	36.0	7,200	Warren	1,600	1,500	31.2	46,800
Calhoun	100	100	35.0	3,500	Wayne	1,000	950	34.0	32,300
Carroll	100	100	37.0	3,700	<u>SC District</u>	<u>13,800</u>	<u>13,000</u>	<u>34.8</u>	<u>453,000</u>
Crawford	1,100	1,000	36.3	36,300	Davis	3,000	2,800	35.3	98,800
Greene	100	100	39.0	3,900	Des Moines	3,800	3,600	42.0	151,300
Guthrie	800	700	31.4	22,000	Hepry	1,800	1,700	39.9	67,800
Harrison	4,600	4,000	39.3	157,200	Jefferson	2,300	2,200	39.9	87,800
Ida	300	300	31.3	9,400	Keokuk	1,400	1,300	41.5	54,000
Monona	3,100	2,700	36.3	98,100	Lee	8,400	8,000	43.8	350,700
Sac	200	200	34.5	6,900	Louisa	1,400	1,300	39.1	50,800
Shelby	300	300	39.0	11,700	Mahaska	100	100	36.0	3,600
Woodbury	800	700	37.3	26,100	Van Buren	5,300	5,000	37.0	185,100
<u>WC District</u>	<u>11,700</u>	<u>10,400</u>	<u>37.1</u>	<u>386,000</u>	Wapello	1,300	1,200	39.9	47,900
Boone	100	100	34.0	3,400	Washington	1,200	1,100	48.4	53,200
Dallas	200	150	34.0	5,100	<u>SE District</u>	<u>30,000</u>	<u>28,300</u>	<u>40.8</u>	<u>1,151,000</u>
Grundy	*	*	*	*	State	100,000	92,000	38.0	3,496,000
Hamilton	100	100	35.0	3,500					
Hardin	*	*	*	*					
Jasper	300	250	41.2	10,300					

*Less than 100 acres not published.

All Wheat: Acreage, Yield, And Production, By County, 1981¹

County and district	Planted for all purposes	Har-vested	Yield per acre	Pro-duction	County and district	Planted for all purposes	Har-vested	Yield per acre	Pro-duction
---- Acres ----			-- Bushels --		---- Acres ----			-- Bushels --	
Buena Vista	*				Marshall	*			
Cherokee	*				Polk	1,100	1,000	39.7	39,700
Clay	300	300	38.0	11,400	Poweshiek	*			
Dickinson	200	200	37.5	7,500	Story	*			
Emmet	*				Tama	100	100	45.0	4,500
Lyon	900	900	35.0	31,500	Webster	*			
O'Brien	*				<u>C District</u>	<u>1,900</u>	<u>1,800</u>	<u>38.9</u>	<u>70,000</u>
Osceola	800	800	37.1	29,700	Benton	200	200	48.0	9,600
Palo Alto	100	100	44.0	4,400	Cedar	*			
Plymouth	700	700	40.7	28,500	Clinton	300	300	40.0	12,000
Pocahontas	*				Iowa	*			
Sioux	300	300	37.3	11,200	Jackson	500	500	47.0	23,500
<u>NW District</u>	<u>3,400</u>	<u>3,400</u>	<u>37.7</u>	<u>128,000</u>	Johnson	800	800	40.1	32,100
Butler	*				Jones	200	200	40.0	8,000
Cerro Gordo	*				Linn	200	200	48.0	9,600
Floyd	300	300	40.0	12,000	Muscatine	800	700	46.6	32,600
Franklin	100	100	41.0	4,100	Scott	100	100	48.0	4,800
Hancock	*				<u>EC District</u>	<u>3,200</u>	<u>3,100</u>	<u>44.2</u>	<u>137,000</u>
Humboldt	*				Adair	700	700	40.9	28,600
Kossuth	100	100	40.0	4,000	Adams	2,400	2,300	40.0	92,000
Mitchell	500	500	39.4	19,700	Cass	2,100	2,100	43.3	91,000
Winnebago	300	300	40.0	12,000	Fremont	4,900	4,600	36.5	168,000
Wright	*				Mills	4,500	4,400	41.1	181,000
<u>NC District</u>	<u>1,400</u>	<u>1,400</u>	<u>40.0</u>	<u>56,000</u>	Montgomery	2,600	2,500	44.8	112,000
Allamakee	100	100	44.0	4,400	Page	7,500	6,800	36.0	245,000
Black Hawk	200	200	43.5	8,700	Pottawattamie	4,600	4,500	41.8	188,000
Bremer	300	300	40.0	12,000	Taylor	6,500	6,100	37.8	230,400
Buchanan	*				<u>SW District</u>	<u>35,800</u>	<u>34,000</u>	<u>39.3</u>	<u>1,336,000</u>
Chickasaw	*				Appanoose	2,100	2,100	42.4	89,000
Clayton	*				Clarke	1,100	1,100	44.3	48,700
Delaware	100	100	46.0	4,600	Decatur	2,700	2,600	43.9	114,000
Dubuque	100	100	42.0	4,200	Lucas	900	900	39.2	35,300
Fayette	200	200	40.0	8,000	Madison	1,000	1,000	35.4	35,400
Howard	100	100	46.0	4,600	Marion	1,300	1,300	40.0	52,000
Winnebago	100	100	44.0	4,400	Monroe	1,100	1,100	44.2	48,600
<u>NE District</u>	<u>1,300</u>	<u>1,300</u>	<u>42.3</u>	<u>55,000</u>	Ringgold	7,700	7,200	38.1	274,000
Audubon	300	300	43.3	13,000	Union	2,000	2,000	41.5	83,000
Calhoun	100	100	39.0	3,900	Warren	1,600	1,600	38.1	61,000
Carroll	100	100	33.0	3,300	Wayne	2,500	2,400	42.5	102,000
Crawford	1,000	1,000	30.0	30,000	<u>SC District</u>	<u>24,000</u>	<u>23,300</u>	<u>40.5</u>	<u>943,000</u>
Greene	200	200	30.0	6,000	Davis	3,600	3,200	41.3	132,000
Guthrie	1,100	1,100	38.5	42,300	Des Moines	3,700	3,600	38.1	137,000
Harrison	4,300	4,000	37.3	149,000	Henry	2,100	2,000	36.5	73,000
Ida	300	300	46.3	13,900	Jefferson	4,100	4,000	37.3	149,000
Monona	3,800	3,700	30.0	111,000	Keokuk	2,100	2,100	45.7	96,000
Sac	400	400	46.5	18,600	Lee	7,500	6,800	36.7	249,300
Shelby	400	400	35.0	14,000	Louisa	1,400	1,400	42.9	60,000
Woodbury	2,000	2,000	30.0	60,000	Mahaska	100	100	37.0	3,700
<u>WC District</u>	<u>14,000</u>	<u>13,600</u>	<u>34.2</u>	<u>465,000</u>	Van Buren	6,900	6,500	38.0	247,000
Boone	200	200	32.5	6,500	Wapello	1,700	1,600	38.8	62,000
Dallas	200	200	36.0	7,200	Washington	1,800	1,800	47.8	86,000
Grundy	*				<u>SE District</u>	<u>35,000</u>	<u>33,100</u>	<u>39.1</u>	<u>1,295,000</u>
Hamilton	*				State	120,000		39.0	
Hardin	100	100	40.0	4,000			115,000		4,485,000
Jasper	100	100	41.0	4,100					

¹Preliminary. *Less than 100 acres not published.

Popcorn: Acreage, Yield, And Production, By District, 1980-81

District	1980				1981 ¹			
	Planted acres	Harvested acres	Yield shelled	Production	Planted acres	Harvested acres	Yield shelled	Production
	----- Pounds -----				----- Pounds -----			
Northwest	930	900	2,830	2,547,000	1,050	1,000	2,802	2,802,000
North Central	180	150	2,220	333,000	100	100	2,880	288,000
Northeast	280	250	2,224	556,000	200	200	2,995	599,000
West Central	21,000	20,520	2,123	43,556,000	15,900	15,300	2,622	40,118,000
Central	1,040	1,000	2,022	2,022,000	750	700	3,459	2,435,000
East Central	300	270	2,883	765,000	550	500	3,356	1,678,000
Southwest	3,120	2,950	1,940	5,722,000	3,600	3,500	2,512	8,793,000
South Central	2,150	2,000	1,940	3,879,000	2,100	2,000	2,995	5,990,000
Southeast	1,000	960	1,583	1,520,000	750	700	2,996	2,097,000
State	30,000	29,000	2,100	60,900,000	25,000	24,000	2,700	64,800,000

¹Preliminary.

White Corn: Acreage, Yield, And Production, By District, 1980-81

District	1980				1981 ¹			
	Planted acres	Harvested acres	Yield per acre	Production	Planted acres	Harvested acres	Yield per acre	Production
	---- Bushels ----				---- Bushels ----			
Northwest	260	250	88	21,900	510	500	98	49,000
North Central	360	350	87	30,600	620	600	103	61,800
Northeast	350	300	88	26,300	310	300	103	30,900
West Central	1,110	970	63	61,200	1,490	1,450	90	130,500
Central	3,540	3,360	83	278,100	5,850	5,700	110	627,000
East Central	16,020	15,710	89	1,398,700	19,470	19,000	104	1,979,500
Southwest	6,960	6,780	73	494,800	9,230	9,000	105	909,000
South Central	100	100	68	6,800	260	250	105	26,300
Southeast	2,300	2,180	92	201,600	2,260	2,200	110	242,000
State	31,000	30,000	84	2,520,000	40,000	39,000	104	4,056,000

¹Preliminary.

Red Clover Seed: Acres Harvested, Yield, And Production, By District, 1980-81

District	1980			1981 ¹		
	Harvested acres	Yield per acre	Production (clean seed)	Harvested acres	Yield per acre	Production (clean seed)
		----- Pounds -----			----- Pounds -----	
Northwest	320	76	24,200	200	75	14,900
North Central	800	78	62,300	500	75	37,400
Northeast	1,240	96	119,500	700	70	49,000
West Central	1,860	76	140,900	1,000	85	85,000
Central	890	94	83,400	500	81	40,600
East Central	1,840	107	197,100	1,080	74	79,900
Southwest	1,360	89	120,600	800	74	59,200
South Central	2,140	88	188,000	1,320	70	92,400
Southeast	1,550	93	144,000	900	74	66,600
State	12,000	90	1,080,000	7,000	75	525,000

¹Preliminary.

Sorghum Silage: Acreage, Yield, And Production, By District, 1980-81

District	1980			1981 ¹		
	Harvested acres	Yield per acre	Production	Harvested acres	Yield per acre	Production
		----- Tons -----			----- Tons -----	
Northwest	1,300	17.3	22,500	600	15.7	9,400
North Central	400	14.0	5,600	300	16.7	5,000
Northeast	200	11.5	2,300	100	17.0	1,700
West Central	2,600	15.5	40,400	2,400	14.5	34,900
Central	600	14.0	8,400	500	17.6	8,800
East Central	1,200	17.3	20,700	200	18.0	3,600
Southwest	1,200	12.2	14,600	800	16.0	12,800
South Central	900	11.0	9,900	1,000	15.1	15,100
Southeast	600	11.0	6,600	100	17.0	1,700
State	9,000	14.5	131,000	6,000	15.5	93,000

¹Preliminary.

Corn Harvesting Methods: Percent Of Acreage Harvested, By Method, Iowa, 1979-81

District	Mechanical picker			Field picker-sheller			Corn head on combine			Other ¹		
	1979	1980	1981	1979	1980	1981	1979	1980	1981	1979	1980	1981
	Percent											
Northwest	19.4	22.0	16.4	4.4	4.0	4.2	75.8	72.0	78.1	0.4	2.0	1.3
North Central	11.1	9.3	8.6	2.1	1.4	0.9	86.8	89.3	90.4	-	-	-
Northeast	14.0	8.1	9.4	3.9	5.6	4.3	81.9	86.0	86.0	0.3	0.3	0.3
West Central	18.0	9.3	11.6	6.6	4.4	2.7	75.4	85.6	84.5	0.1	0.7	1.2
Central	12.4	8.0	11.1	2.3	3.3	1.9	85.3	88.6	86.8	-	-	0.2
East Central	17.3	10.2	11.4	6.2	2.2	3.1	75.2	86.5	84.9	1.4	1.1	0.6
Southwest	10.2	8.7	8.3	4.5	6.8	2.5	85.3	84.0	86.5	-	0.5	2.7
South Central	9.7	9.4	9.1	1.2	2.5	2.6	89.1	88.1	87.8	-	-	0.5
Southeast	8.9	5.1	7.1	2.1	2.6	1.7	89.0	92.3	90.4	-	-	0.8
State	14.2	10.5	10.8	3.9	3.6	2.7	81.6	85.3	85.7	0.3	0.6	0.8

¹Mostly picked in ear and ground for sealed storage.

Soybean Varieties: Leading Varieties And Percent Of Total Harvested Acreage, Iowa And Selected States, 1981 Crop¹

State	Leading varieties by percent of acreage harvested					
	First		Second		Third	
	Variety	Percent	Variety	Percent	Variety	Percent
Illinois	Williams ²	30.1	Woodworth	7.7	Asgrow ³	6.7
Indiana	Williams ²	26.9	Amsoy ²	7.4	Woodworth	6.5
Iowa	Corsoy ²	14.4	Northrup King ³	8.7	Asgrow ³	7.4
Minnesota	Corsoy ²	25.8	Hodgson	18.7	Peterson ³	11.0
Missouri	Williams ²	54.5	Forrest	8.7	Mack ⁴ , Union ⁴	4.2
Ohio	Williams ²	27.7	Calland	8.0	Amsoy ²	7.1

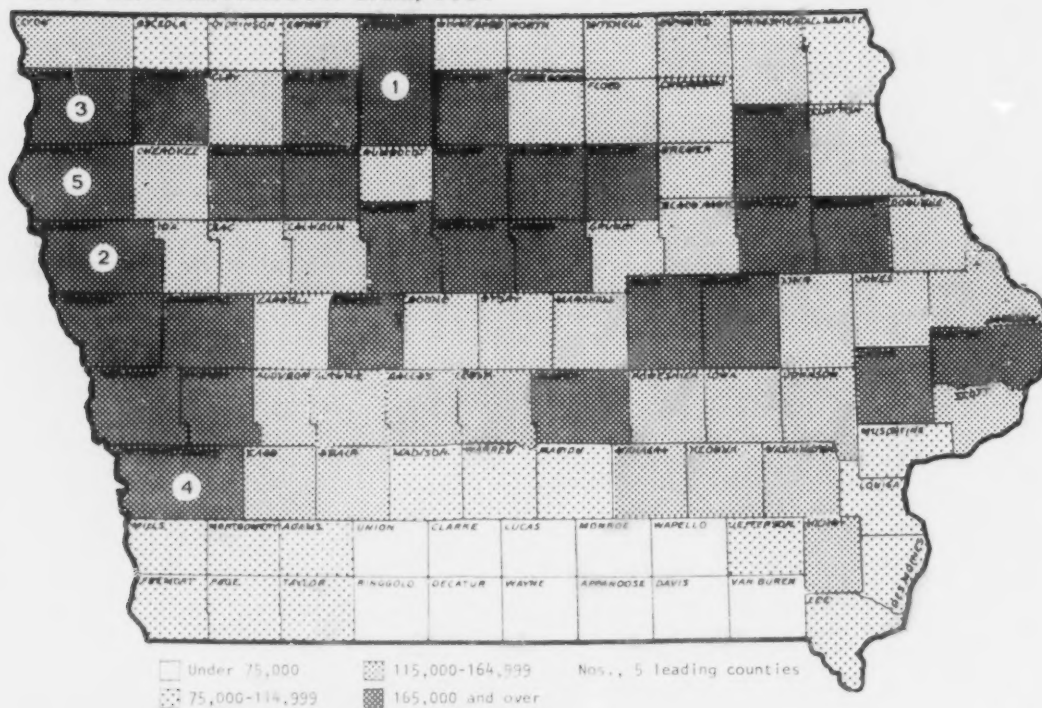
¹Reported for sample fields used for obtaining objective yield data. ²Includes varieties which have additional numerical indications, such as Williams "79", Amsoy "71", Pickett "71", etc. ³Private variety; includes all numeric variety designations marketed under company name. ⁴Tied for third place.

Soybean Varieties: Percent Of Harvested Acreage, By Variety, North Central Region And 15 States, 1981 Crop¹

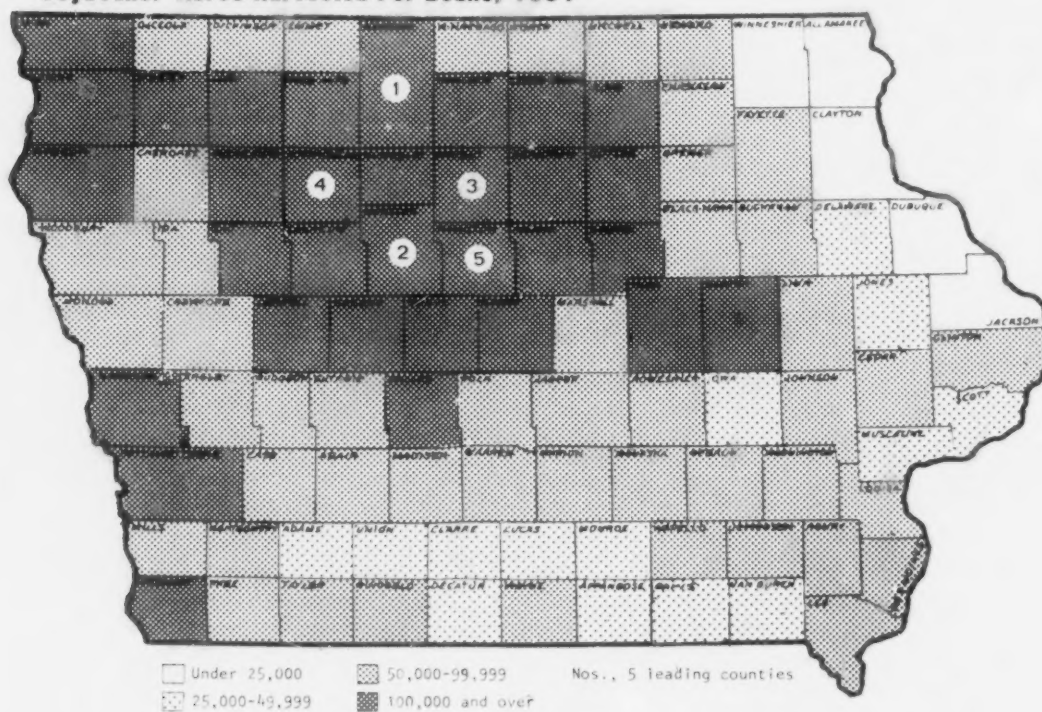
Variety	North Central ²	15 States ³	Variety	North Central ²	15 States ³
	Percent	Percent		Percent	Percent
Williams ⁴	22.9	14.6	Centennial	- ⁵	5.3
Bragg		6.6	Woodworth	3.8	2.4
Corsoy ⁴	7.2	4.6	Wells ⁴	1.7	1.1
Forrest	1.3	5.4	Beeson ⁴	2.1	1.3
Davis		2.3	Hodgson	2.5	1.6
Lee ⁴		2.1	Vickery	2.2	1.4
Amsoy ⁴	3.6	2.3	Peterson ⁶	3.8	2.4
Coker ⁶		1.5	Northrup King ⁶	2.8	1.8
Ransom		3.1	Agripro ⁶	2.2	1.5
Essex	1.3	2.5	Asgrow ⁶	5.4	3.4
Calland	1.8	1.1	All Other ⁷	33.6	27.1
Bedford	- ⁵	3.4			
Union	1.8	1.2	All Varieties	100.0	100.0

¹Reported for the fields used in obtaining objective yield data. ²Includes ILL, IND, IOWA, MINN, MO, NEB, and OHIO. ³Includes NORTH CENTRAL STATES, ALA, ARK, GA, LA, MISS, N.C, S.C, and TENN. ⁴Includes varieties with additional numeric identification such as Williams "79", Amsoy "71", Pickett "71", etc. ⁵Less than 1 percent of regional total, included in all other. ⁶Private variety; includes all numeric variety designations marketed under company name. ⁷Includes unknown varieties and varieties with less than 1 percent of the 15 state total.

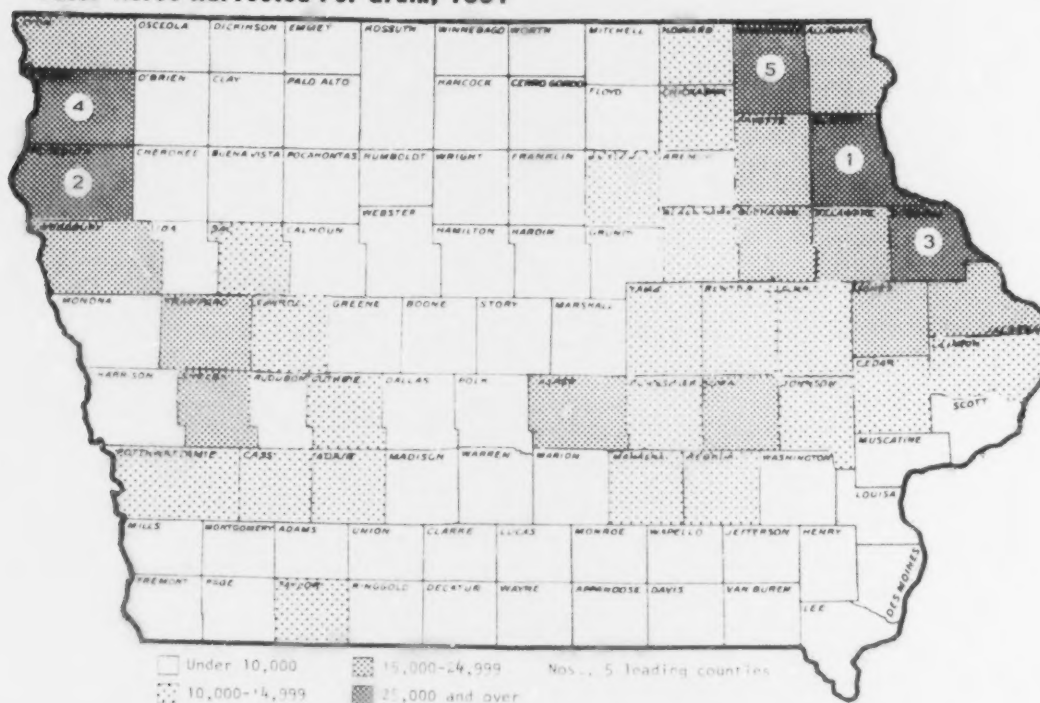
Corn: Acres Harvested For Grain, 1981



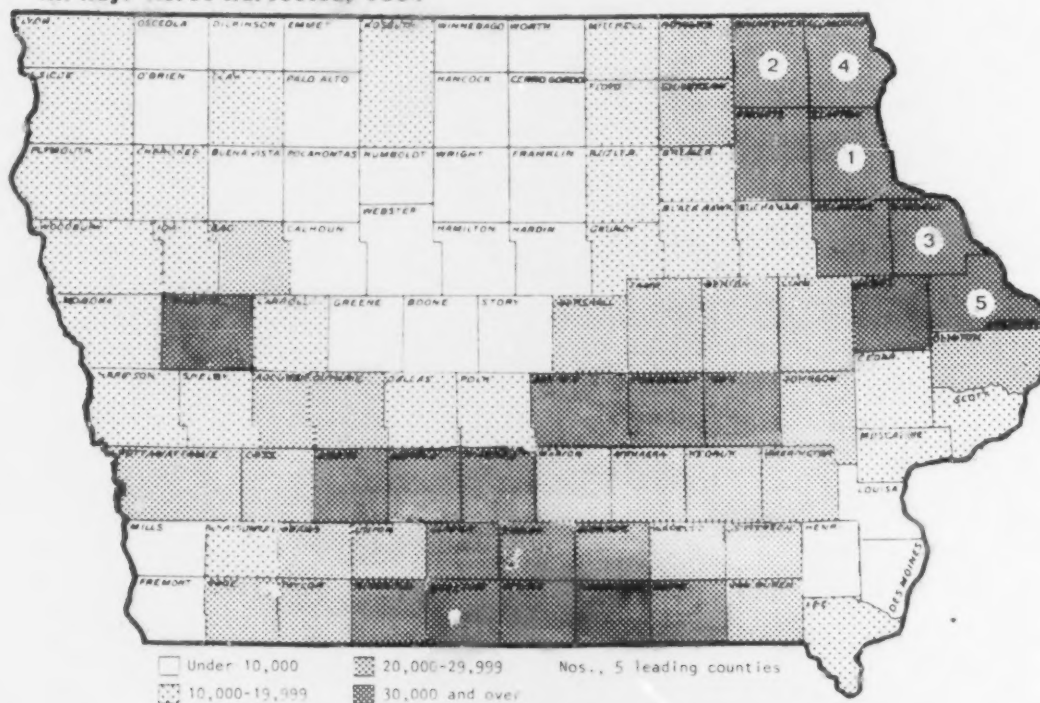
Soybeans: Acres Harvested For Beans, 1981



Oats: Acres Harvested For Grain, 1981



All Hay: Acres Harvested, 1981



Map of Iowa showing population distribution by county in 1960. The map is shaded in four patterns: white for 'Under 10,000', dotted for '10,000-14,999', cross-hatched for '15,000-24,999', and solid black for '25,000 and over'. Five counties are circled and numbered 1 through 5, indicating they are the most populous. County names are labeled throughout the state.

Legend:

- Under 10,000
- 10,000-14,999
- 15,000-24,999
- 25,000 and over

Nos. 5 leading counties

Wheat Acreage Harvested for Grain, 1951

Legend:

- 0-499
- 500-1,999
- 2,000 and over

Nos. 5 leading counties

Farms Harvesting Selected Crops: Number And Percent Of All Farms, By District, 1979-80¹

Year and district	Farms harvesting									
	Corn for all purposes		Corn for grain		Corn for silage		Soybeans for beans		Oats for grain	
	Number (000)	Percent	Number (000)	Percent	Number (000)	Percent	Number (000)	Percent	Number (000)	Percent
1979										
Northwest	13.8	95	13.8	95	4.3	30	11.9	83	5.7	40
North Central	12.2	94	12.2	94	2.1	16	11.4	89	4.6	36
Northeast	15.3	91	15.3	91	5.0	31	6.9	42	9.8	59
West Central	13.4	90	13.4	90	3.0	21	10.9	74	5.8	39
Central	13.6	87	13.6	87	1.4	9	12.0	76	5.0	32
East Central	12.3	90	12.3	90	2.5	18	7.7	56	6.8	50
Southwest	8.2	88	8.2	88	1.3	14	7.0	76	2.7	29
South Central	7.7	69	7.7	69	1.2	11	6.3	58	2.5	23
Southeast	9.5	77	9.5	77	1.2	9	7.9	64	3.1	25
State	106.0	87	106.0	87	22.0	18	82.0	68	46.0	38
1980										
Northwest	13.5	95	13.5	94	3.9	27	12.0	84	5.6	39
North Central	11.8	93	11.8	93	1.9	15	11.3	88	4.1	32
Northeast	14.8	90	14.8	90	4.9	29	7.1	43	9.2	56
West Central	13.1	90	13.1	90	2.7	18	11.0	75	5.5	38
Central	13.2	86	13.2	86	1.2	8	11.8	77	4.3	28
East Central	11.9	89	11.9	89	2.2	16	7.7	58	6.6	50
Southwest	8.0	88	8.0	88	1.1	12	7.0	76	2.9	32
South Central	7.4	68	7.4	67	1.1	10	6.2	57	2.5	22
Southeast	9.3	76	9.3	76	1.0	8	7.9	65	3.3	27
State	103.0	87	103.0	87	20.0	17	82.0	69	44.0	37

¹Percent computed on the number of all farms January 1 of the following year.

Principal Crop Land Harvested, By District, 1977-81

District	Acres harvested ¹				
	1977	1978	1979	1980	1981 ²
Northwest	3,579,500	3,604,820	3,708,420	3,700,550	3,687,650
North Central	3,234,100	3,280,640	3,350,080	3,383,300	3,351,950
Northeast	2,727,500	2,772,770	2,835,090	2,883,900	2,906,150
West Central	3,491,500	3,395,770	3,580,770	3,628,550	3,655,030
Central	3,460,400	3,448,920	3,560,070	3,610,300	3,614,200
East Central	2,489,300	2,531,840	2,583,730	2,580,110	2,589,840
Southwest	2,064,000	2,018,710	2,087,620	2,139,050	2,173,400
South Central	1,523,300	1,569,620	1,606,680	1,656,900	1,690,800
Southeast	1,989,400	1,944,910	2,019,540	2,063,340	2,074,980
State	24,559,000	24,568,000	25,342,000	25,646,000	25,744,000

¹All acres harvested for corn, soybeans, oats, hay, sorghum, wheat, rye, popcorn, and potatoes. Does not include idle land, pasture, government set-aside, abandoned or plowed under, etc. ²Preliminary.

Principal Cropland Harvested, 1980-81¹

County and district	Acres harvested ²		County and district	Acres harvested ²	
	1980	1981		1980	1981
Buena Vista	321,900	322,140	Marshall	277,320	278,000
Cherokee	277,660	276,350	Polk	224,770	229,370
Clay	310,310	306,610	Poweshiek	268,020	275,470
Dickinson	196,910	196,910	Story	317,120	315,560
Emmet	218,310	220,510	Tama	328,125	327,640
Lyon	317,870	319,800	Webster	381,320	375,670
O'Brien	319,210	317,090	<u>C District</u>	<u>3,610,300</u>	<u>3,614,200</u>
Osceola	234,640	228,640	Benton	341,140	339,910
Palo Alto	327,410	327,900	Cedar	284,700	286,950
Plymouth	421,670	417,100	Clinton	329,300	327,420
Pocahontas	335,240	335,800	Iowa	254,200	261,800
Sioux	419,420	418,800	Jackson	206,950	216,610
<u>NW District</u>	<u>3,700,550</u>	<u>3,687,650</u>	Johnson	255,200	250,120
Butler	321,220	320,270	Jones	240,770	243,000
Cerro Gordo	293,930	292,540	Linn	290,950	289,400
Floyd	264,490	263,540	Muscatine	174,400	175,080
Franklin	325,920	323,930	Scott	202,500	199,550
Hancock	315,420	315,020	<u>EC District</u>	<u>2,580,110</u>	<u>2,589,840</u>
Humboldt	249,420	249,940	Adair	231,000	232,200
Kossuth	551,750	547,200	Adams	154,350	163,350
Mitchell	251,870	240,220	Cass	253,250	260,950
Winnebago	233,920	230,230	Fremont	246,050	241,250
Worth	221,970	216,020	Mills	204,650	204,900
Wright	353,390	353,040	Montgomery	193,750	193,150
<u>NC District</u>	<u>3,383,300</u>	<u>3,351,950</u>	Page	232,150	241,450
Allamakee	177,450	182,470	Pottawattamie	441,800	439,900
Black Hawk	275,440	279,470	Taylor	182,050	196,250
Bremer	229,190	226,150	<u>SW District</u>	<u>2,139,050</u>	<u>2,173,400</u>
Buchanan	297,740	303,800	Appanoose	127,370	125,220
Chickasaw	240,990	243,120	Clarke	119,820	121,720
Clayton	270,140	277,090	Decatur	133,490	139,940
Delaware	280,390	285,690	Lucas	115,190	110,440
Dubuque	244,890	243,070	Madison	189,390	191,640
Fayette	360,090	357,590	Marion	187,340	189,140
Howard	227,140	225,340	Monroe	112,690	112,140
Winnebago	280,440	282,360	Ringgold	179,840	187,540
<u>NE District</u>	<u>2,883,900</u>	<u>2,906,150</u>	Union	131,640	133,840
Audubon	223,280	225,330	Warren	188,640	195,540
Calhoun	325,030	321,740	Wayne	171,490	183,640
Carroll	326,920	326,700	<u>SC District</u>	<u>1,656,900</u>	<u>1,690,800</u>
Crawford	333,420	328,470	Davis	159,650	162,300
Greene	318,250	321,000	Des Moines	168,350	164,390
Guthrie	225,120	230,870	Henry	182,720	182,300
Harrison	313,120	323,970	Jefferson	163,790	170,650
Ida	225,330	219,420	Keokuk	237,700	251,080
Monona	308,220	307,570	Lee	178,870	173,590
Sac	320,070	328,120	Louisa	159,350	162,750
Shelby	310,220	310,520	Mahaska	260,710	254,420
Woodbury	399,570	411,320	Van Buren	147,300	152,700
<u>WC District</u>	<u>3,628,550</u>	<u>3,655,030</u>	Wapello	147,820	147,520
Boone	292,540	292,410	Washington	257,080	253,280
Dallas	287,770	289,180	<u>SE District</u>	<u>2,063,340</u>	<u>2,074,980</u>
Grundy	283,660	285,850	State	25,646,000	25,744,000
Hamilton	327,215	324,230			
Hardin	300,520	301,620			
Jasper	321,920	319,200			

¹Preliminary. ²All acres harvested for corn, soybeans, oats, hay, sorghum, wheat, rye, popcorn, and potatoes; does not include idle land, pasture, government set-aside, abandoned or plowed under, etc.

Grain Marketings: Percent Of Crop Year Total, By Months, Iowa, 1979-81

Month	All hay		Oats		Soybeans		Corn	
	1979-80	1980-81	1979-80	1980-81	1979-80	1980-81	1979-80	1980-81
June	21	19						
July	15	16	19	37				
Aug.	12	9	20	14				
Sep.	6	8	7	8	6	11		
Oct.	2	3	17	3	15	20	7	17
Nov.	2	5	1	4	4	5	13	9
Dec.	8	9	3	4	6	4	7	6
Jan.	8	8	5	7	10	10	9	14
Feb.	7	9	6	4	9	5	5	6
Mar.	9	9	4	6	9	10	7	9
Apr.	6	7	4	4	7	8	6	7
May	4	4	3	3	9	7	6	6
June			11	6	7	4	7	5
July					10	8	10	7
Aug.					8	8	12	7
Sep.							11	7

Corn, Oats, Sorghum Grain, Hay, Soybeans, And Wheat Production, Farm Use, Sales, And Value, 1980-81

Crop year	Production	Used on farms where produced	Sold		Season average price per bushel	Value of production	Value of sales
			Quantity	Percent			
----- 1,000 bushels ----- Dollars ----- 1,000 dollars -----							
IOWA			<u>Corn for Grain</u>				
1980	1,463,000	614,460	848,540	58	2.97	4,345,110	2,520,164
1981	1,739,900	748,157	991,743	57	2.35	4,088,765	2,330,596
			<u>Oats</u>				
1980	62,000	40,920	21,080	34	1.71	106,020	36,047
1981	59,520	38,688	20,832	35	1.85	110,112	39,580
			<u>Sorghum Grain</u>				
1980	1,330	731	599	45	2.48	3,298	1,486
1981	1,760	968	792	45	2.16	3,749	1,711
			<u>Hay¹</u>				
1980	8,037	7,314	723	9.0	48.50	389,795	35,066
1981	8,224	7,525	699	8.5	52.00	505,776	36,348
			<u>Soybeans</u>				
1980	318,395	2,547	315,848	99	7.39	2,352,939	2,334,117
1981	330,075	2,311	327,764	99	5.95	2,095,976	1,950,196
			<u>Wheat</u>				
1980	3,496	199	3,297	94	3.85	13,460	12,693
1981	4,485	306	4,179	93	3.60	16,146	15,044

Production, utilization in 1,000 tons. Season average price - dollars per ton.

LIVESTOCK



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1981 LIVESTOCK SUMMARY

IOWA

Iowa's cattle, hog, and sheep producers received \$5.0 billion from marketings in 1981. This was 2 percent less than the \$4.9 billion received in 1980. Cattle, hog, and sheep cash receipts in 1981 from marketings and sale of farm slaughter were \$2.50 billion, \$2.47 billion, and \$14.1 million, respectively. This compares to 1980 receipts of \$2.65 billion for cattle, \$2.20 billion for hogs, and \$19.2 million for sheep.

Cattle: Cattle and calves on Iowa farms totaled 6.85 million head at the beginning of 1982, 7 percent below a year earlier. Iowa ranks 3rd in the nation in total cattle, 6th in beef cows, 7th in milk cows, and 3rd in cattle on feed.

The January 1, 1982, cattle and calf inventory was valued at \$2.67 billion, an 18 percent decrease from the January 1, 1981, value of \$3.27 billion. This decrease was due to the drastic drop in value per head from \$445 on January 1, 1981, to \$390 per head on January 1, 1982.

The 1981 calf crop of 1.95 million head was 2 percent below the previous year's crop of 2.00 million head.

Hogs: Iowa continues to rank number one among the states in hog numbers. Hogs and pigs on hand December 1, 1981, totaled 16.3 million, or 28 percent of the nation's hogs.

The average value of hogs and pigs on hand December 1, 1981, was \$74.50 per head, \$8.50 below the previous year. The total value of Iowa's December 1, 1981, hog inventory was \$1.21 billion compared to \$1.34 billion a year earlier.

The state's pork producers farrowed

3.220 million sows during 1981 (December 1980 through November 1981), 35,000 less than during 1980. The average pigs saved per litter was 7.45, resulting in a pig crop of 24.0 million, up 1 percent from the number saved during 1980.

Sheep: Sheep numbers in 1981 showed an increase from the 437,000 head on hand January 1, 1981, to 485,000 head on January 1, 1982. The inventory was valued at \$25.7 million compared with \$29.9 million January 1, 1982. An estimated 315,000 lambs were born during 1981, up from 300,000 during 1980.

The 495,000 sheep shorn in 1981 produced 3,569,000 pounds of wool. This compares to 475,000 sheep shorn in 1980 and wool production of 3,427,000 pounds. The wool was valued at \$2.5 million, up from \$2.4 million because the price per pound increased from 70 cents in 1980 to 71 cents per pound in 1981.

Milk Production: Iowa dairymen produced an estimated 4,298 billion pounds of milk during 1981, up 5 percent from the previous year. There was an average of 382,000 milk cows on hand during 1981, an increase of 6,000 head (2 percent) from a year earlier. The annual average milk produced per cow was 11,251 pounds, 3 percent above the 10,926 pound average in 1980.

Red Meat Production: Slaughter plants in Iowa produced 6.51 billion pounds of red meat (beef, veal, pork, and mutton) during 1981. This was slightly below the previous year.

Beef production was up 13 percent from 1980 and up 6 percent from 1979, while pork production was down 6 percent from 1980 but up 5 percent from 1979. Veal production continued to decline, while mutton increased from .2 in 1980 to 9.98 million pounds in 1981.

Livestock: Number On Farms, By Class, By Specie, January 1, 1972, 1978-82

Specie and Class	1972	1978	1979	1980	1981	1982
<i>Thousand head</i>						
<u>IOWA</u>						
All cattle	7,773	7,800	7,200	7,150	7,350	6,850
Beef cows and heifers that have calved	1,770	1,800	1,684	1,746	1,834	1,735
Milk cows and heifers that have calved	465	380	374	372	378	389
Beef replacement heifers 500+ pounds	256	187	163	186	198	192
Milk replacement heifers 500+ pounds	152	164	126	143	154	157
Other heifers 500+ pounds	805	1,170	1,110	980	1,008	863
Steers 500+ pounds	1,695	1,778	1,872	1,618	1,660	1,644
Bulls 500+ pounds	93	92	89	100	103	89
Steers, heifers, and bulls under 500 pounds	2,537	2,229	1,782	2,005	2,015	1,781
All hogs ¹	14,853	14,500	15,100	16,200	16,100	16,300
Kept for breeding	1,975	2,161	2,280	2,106	2,095	2,061
Market hogs	12,878	12,339	12,820	14,094	14,005	14,239
Under 60 pounds	4,688	4,936	5,115	5,440	5,672	5,573
60-119 pounds	3,297	3,369	3	3,820	3,431	3,613
120-179 pounds	2,614	2,245	2,424	2,819	2,801	2,884
180 pounds and over	2,279	1,789	1,781	2,015	2,101	2,169
All sheep	735	370	380	408	437	485
Sheep and lambs on feed	179	70	60	68	77	85
Stock sheep	556	300	320	340	360	400
Ewe lambs	76	39	64	60	65	80
Wether and ram lambs	5	10	21	19	22	24
Ewes 1 year or older	456	240	220	250	260	283
Rams and wethers 1 year or older	19	11	15	11	13	13
All chickens ^{1, 2}	12,400	11,070	10,700	9,600	10,500	10,800
<u>UNITED STATES</u>						
All cattle	117,862	116,375	110,864	111,192	114,321	115,691
Beef cows and heifers that have calved	38,810	38,738	37,062	37,086	38,726	39,364
Milk cows and heifers that have calved	11,776	10,896	10,790	10,779	10,860	10,998
Beef replacement heifers 500+ pounds	6,987	5,858	5,527	5,939	6,136	6,623
Milk replacement heifers 500+ pounds	3,828	3,886	3,932	4,158	4,345	4,530
Other heifers 500+ pounds	6,399	7,949	7,445	7,130	7,285	7,187
Steers 500+ pounds	15,939	16,868	16,442	16,019	15,519	15,509
Bulls 500+ pounds	2,377	2,538	2,403	2,492	2,547	2,619
Steers, heifers, and bulls under 500 pounds	31,688	29,643	27,263	27,590	28,904	28,862
All hogs ¹	62,412	56,539	60,356	67,353	64,512	58,691
Kept for breeding	8,475	8,604	9,605	9,655	9,148	7,844
Market hogs	53,937	47,936	50,751	57,699	55,364	50,847
Under 60 pounds	19,912	19,424	21,244	22,845	22,139	19,465
60-119 pounds	14,359	12,399	13,086	15,437	13,982	12,924
120-179 pounds	10,835	9,111	9,443	11,284	11,000	10,453
180 pounds and over	8,831	7,002	6,979	8,133	8,243	8,005
All sheep	18,739	12,421	12,365	12,687	12,936	13,116
Sheep and lambs on feed	2,894	1,623	1,530	1,622	1,649	1,564
Stock sheep	15,845	10,798	10,786	11,065	11,287	11,552
Ewe lambs	1,974	1,508	1,684	1,807	1,788	1,819
Wether and ram lambs	402	328	356	368	357	429
Ewes 1 year or older	12,909	8,588	8,366	8,524	8,771	8,911
Rams and wethers 1 year or older	560	374	380	366	370	394
All chickens ^{1, 2}	404,191	386,518	396,933	400,585	392,110	383,220

¹December 1, preceding year. ²Excludes commercial broilers.

Ten Leading States And Iowa's Rank, 1981

Item	1	2	3	4	5	6	7	8	9	10	Iowa Rank	% of U.S.
LIVESTOCK ON HAND January 1, 1982												
All cattle and calves	Texas	Neb.	Iowa	Kans.	Okla.	Mo.	Cal.	Wis.	S.D.	Minn.	3	6
Milk cows that have calved	Wis.	Cal.	N.Y.	Minn.	Pa.	Mich.	Iowa	Ohio	Texas	Mo.	7	4
Beef cows that have calved	Texas	Okla.	Mo.	Neb.	Kans.	Iowa	Mont.	S.D.	Fla.	Cal.	6	4
All hogs - December 1981	Iowa	Ill.	Minn.	-1	-1	Mo.	Ohio	N.C.	Kans.	S.D.	1	28
All sheep and lambs	Texas	Cal.	Wyo.	S.D.	Colo.	Utah	Mont.	N.M.	Ore.	Idaho	11	4
Cattle and calves on feed	Texas	Neb.	Iowa	Kans.	Colo.	Cal.	Ill.	Minn.	S.D.	Ariz.	3	11
Sheep and lambs on feed	Colo.	-2	-2	Wyo.	Ore.	-3	-3	-4	-4	Ariz.	6	5
All chickens - December 1981	Cal.	Ga.	Ark.	Ind.	Pa.	Ala.	N.C.	Texas	Fla.	Ohio	12	3
Turkey breeder hens - December 1981	N.C.	Minn.	Cal.	Texas	Mo.	Va.	Ohio	Iowa	Ga.	Mich.	8	3
LIVESTOCK PRODUCTION IN 1981												
Cattle and calf production	Texas	Neb.	Iowa	Kans.	Okla.	S.D.	Cal.	Mo.	Minn.	Colo.	3	7
Fed cattle marketed	Neb.	Texas	Kans.	Iowa	Colo.	Cal.	Ill.	Minn.	S.D.	Okla.	4	12
Hog production	Iowa	Ill.	Minn.	Ind.	Neb.	Mo.	N.C.	Kans.	Ohio	S.D.	1	26
Sheep production	Texas	S.D.	Cal.	Wyo.	Colo.	Idaho	Utah	Mont.	Ore.	Iowa	10	4
Turkey production	N.C.	Cal.	Minn.	Ark.	Mo.	Va.	Iowa	Tex.	Ind.	Wis.	7	5
Calf crop	Texas	Mo.	Okla.	Wis.	Neb.	Iowa	Kans.	S.D.	Cal.	Mont.	6	4
Pig crop	Iowa	Ill.	Minn.	Mo.	Neb.	Ind.	N.C.	Ohio	Kans.	Wis.	1	26
Lamb crop	Texas	Cal.	S.D.	Wyo.	Idaho	Utah	Colo.	Mont.	N.M.	Ore.	11	4
Chickens raised	Cal.	Ga.	Ark.	Pa.	Ind.	Ala.	N.C.	Fla.	Texas	Ohio	12	3
Turkeys raised	N.C.	Minn.	Cal.	Ark.	Mo.	Va.	Texas	Iowa	Ind.	Wis.	8	4
Cattle slaughter ⁵	Neb.	Texas	Kans.	Iowa	Cal.	Colo.	Wis.	Minn.	Ill.	Idaho	4	10
Hog slaughter ⁵	Iowa	Ill.	Mich.	Minn.	Ohio	Neb.	Mo.	S.D.	Tenn.	Va.	1	27
Sheep slaughter ⁵	Cal.	Colo.	Texas	Minn.	S.D.	Ill.	Mich.	Wash.	Pa.	Iowa	10	2
Egg production	Cal.	Ga.	Pa.	Ind.	Ark.	Texas	Ala.	N.C.	Fla.	Ohio	12	3
Wool production	Texas	Cal.	Wyo.	Colo.	S.D.	Utah	Mont.	N.M.	Idaho	Ore.	11	3
Honey production	Fla.	N.D.	Texas	Mont.	S.D.	Calif.	Minn.	N.C.	Ga.	Tenn.	17	2
Mink production ⁶	Wis.	Utah	Minn.	Wash.	Ill.	Idaho	Pa.	Ore.	Ohio	Mich.	11	3
Milk production ⁶	Wis.	Cal.	N.Y.	Minn.	Pa.	Mich.	Ohio	Iowa	Texas	Wash.	8	3
Creamery butter ⁶	Wis.	Cal.	Minn.	Pa.	N.Y.	Wash.	Mich.	Mo.	Ohio	Iowa	10	2
American cheese ⁶	Wis.	Minn.	Iowa	Idaho	N.Y.	S.D.	Mo.	Utah	N.D.	Cal.	3	4
Total cheese ⁶	Wis.	Minn.	N.Y.	Iowa	Cal.	Idaho	Pa.	Mo.	Ill.	Ohio	4	5

¹Tie between Nebraska and Indiana. ²Tie between Texas and California. ³Tie between Iowa and Nebraska.

⁴Tie between Minnesota and Kansas. ⁵Commercial slaughter based on total live weight. ⁶Excludes cottage cheese. ⁷1980 data; 1981 data not available.

Hogs And Pigs: Number On Farms, Market By Weight Groups, Breeding And Total, Iowa, 1971, 1977-1981

Month and year	Market hogs and pigs					For breeding	Total
	Under 60 lbs.	60-119 lbs.	120-179 lbs.	180 lbs. and over	Total		
	<i>Thousand head</i>						
March 1							
1971	3,728	2,462	3,247	2,285	11,722	2,233	13,955
1977	4,125	2,449	2,917	1,903	11,394	2,106	13,500
1978	4,157	2,702	2,771	1,916	11,546	2,054	13,600
1979	4,605	2,878	2,954	2,079	12,516	2,384	14,900
1980	4,946	3,177	3,385	2,424	13,932	2,268	16,200
1981	4,766	3,235	3,220	2,319	13,540	2,160	15,700
June 1							
1971	6,524	3,036	1,851	1,904	13,315	2,258	15,583
1977	5,998	2,811	2,124	1,562	12,495	2,205	14,700
1978	5,347	2,925	2,144	1,654	12,070	2,130	14,200
1979	6,172	3,292	2,400	1,852	13,716	2,384	16,100
1980	6,329	3,172	2,462	1,947	13,910	2,190	16,100
1981	6,293	3,146	2,394	1,847	13,680	2,170	15,850
September 1							
1971	4,570	3,295	2,915	1,900	12,680	2,120	14,800
1977	5,031	3,354	2,683	1,832	12,900	2,100	15,000
1978	5,042	3,256	2,521	1,850	12,669	2,131	14,800
1979	5,439	3,653	2,866	1,882	13,840	2,160	16,000
1980	5,241	3,966	3,003	1,956	14,166	2,034	16,200
1981	5,606	3,772	2,887	1,997	14,262	2,188	16,450
December 1							
1971	4,688	3,297	2,614	2,279	12,878	1,975	14,853
1977	4,936	3,369	2,245	1,789	12,339	2,161	14,500
1978	5,115	3,500	2,424	1,781	12,820	2,280	15,100
1979	5,440	3,820	2,819	2,015	14,094	2,106	16,200
1980	5,672	3,431	2,801	2,101	14,005	2,095	16,100
1981	5,573	3,613	2,884	2,169	14,239	2,061	16,300

Hogs And Pigs: Inventory, Supply, And Disposition, Iowa, 1971, 1977-1981

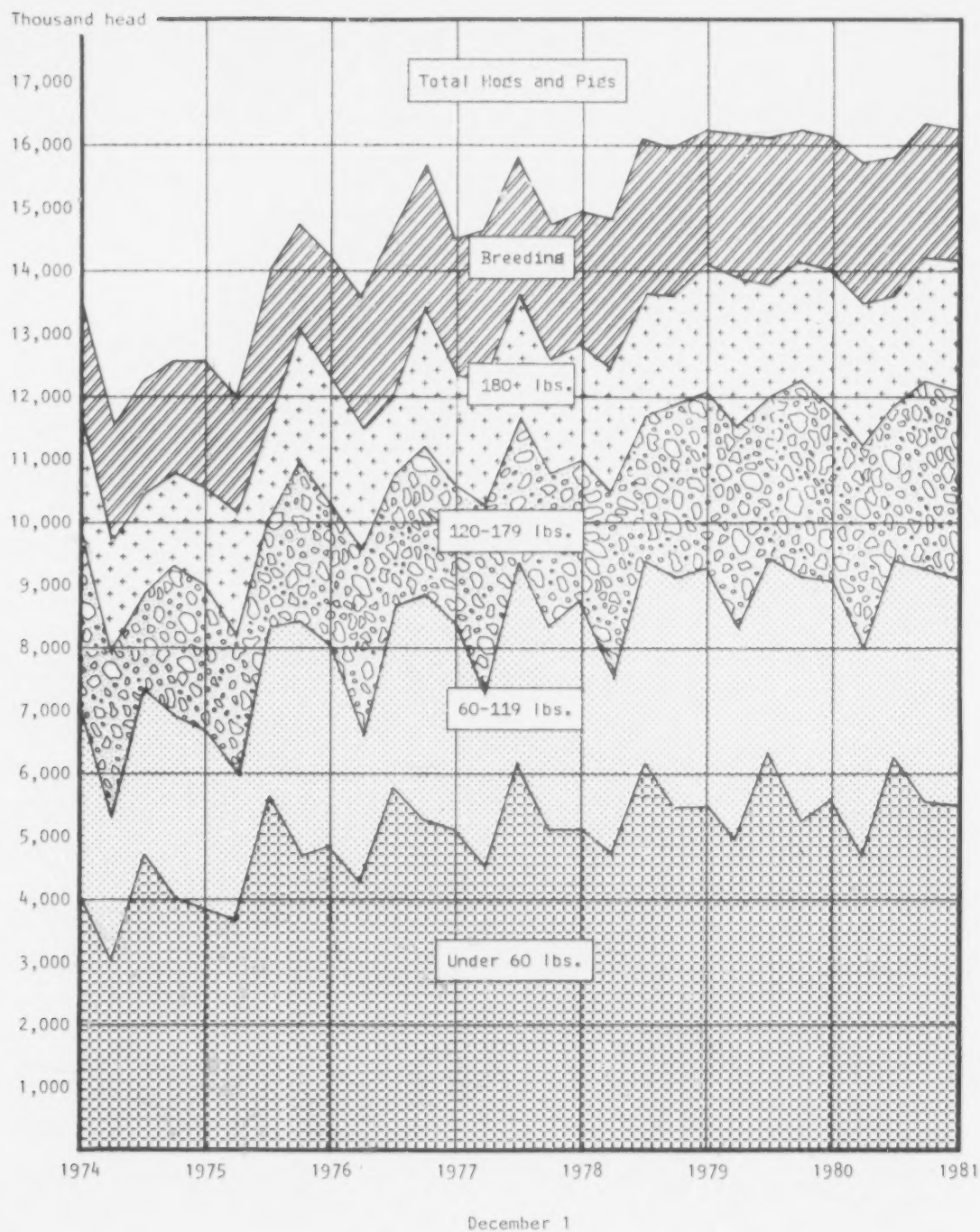
Year	Inventory December 1	Pig Crop		Inshipments	Marketings	Farm slaughter	Deaths
		Dec.-May	June-Nov.				
		Thousand head					
1971	14,853	11,424	9,838	1,132	22,216	45	1,390
1977	14,500	11,043	10,296	1,300	20,279	60	2,000
1978	15,100	10,218	10,654	1,650	19,822	50	2,050
1979	16,200	11,672	11,541	1,700	21,758	55	2,000
1980	16,100	12,026	11,613	1,740	23,409	50	2,020
1981	16,300	11,915	12,069	1,550	23,324	60	1,950

Hogs And Pigs: Production And Income, Iowa, 1971, 1977-1981

Year ¹	Production	Marketings	Average price per 100 lbs.	Value of production	Cash receipts	Value of home consumption	Gross income
	--- Thousand pounds ---		Dollars	----- Thousand dollars -----			
1971	5,055,015	5,309,565	17.50	884,628	929,174	5,922	935,096
1977	5,030,420	4,955,238	39.60	1,971,340	1,965,183	37,992	2,003,175
1978	4,935,147	4,854,315	47.00	2,295,099	2,284,333	36,660	2,320,993
1979	5,423,276	5,348,960	41.60	2,223,346	2,228,335	30,202	2,258,537
1980	5,722,069	5,776,440	38.00	2,149,597	2,196,559	25,080	2,221,639
1981	5,667,090	5,644,620	43.80	2,456,043	2,474,050	28,146	2,502,196

¹Includes latest revised data.

**Hogs And Pigs: Number On Farms, Market By Weight Groups,
Breeding And Total, By Quarter, Iowa, December 1, 1974-81**



Spring Pig Crop: Sows Farrowed And Pigs Saved, 1971, 1977-1981

Year	Sows farrowed			Pigs per litter			Pigs saved		
	Deci-Feb.	Mar-May	Deci-May	Deci-Feb.	Mar-May	Deci-May	Deci-Feb.	Mar-May	Deci-May
	----- Thousand head -----			----- Head -----			----- Thousand head -----		
1971	520	1,100	1,620	6.95	7.10	7.05	3,614	7,810	11,424
1977	620	910	1,530	6.95	7.40	7.22	4,309	6,734	11,043
1978	600	840	1,440	6.95	7.20	7.10	4,170	6,048	10,218
1979	680	990	1,670	6.90	7.20	6.99	4,692	6,980	11,672
1980	700	960	1,660	7.10	7.35	7.24	4,970	7,056	12,026
1981	660	940	1,660	7.30	7.55	7.45	4,818	7,057	11,915

¹Previous year.

Fall Pig Crop: Sows Farrowed And Pigs Saved, 1971, 1977-1981

Year	Sows farrowed			Pigs per litter			Pigs saved		
	Jun-Aug.	Sep-Nov.	Jun-Nov.	Jun-Aug.	Sep-Nov.	Jun-Nov.	Jun-Aug.	Sep-Nov.	Jun-Nov.
	----- Thousand head -----			----- Head -----			----- Thousand head -----		
1971	647	714	1,361	7.15	7.30	7.23	4,626	5,212	9,838
1977	710	720	1,430	7.20	7.20	7.20	5,112	5,184	10,296
1978	710	770	1,480	7.25	7.15	7.20	5,148	5,506	10,654
1979	790	830	1,620	7.15	7.10	7.12	5,648	5,893	11,541
1980	735	860	1,595	7.20	7.35	7.28	5,292	6,321	11,613
1981	780	840	1,620	7.45	7.45	7.45	5,811	6,258	12,069

Hog Slaughter: Number Slaughtered, By Months, 1971, 1977-1981

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
----- Thousand head -----													
1971	2,147	1,775	2,304	2,142	1,934	1,877	1,635	1,885	2,038	1,948	2,081	2,021	23,787
1977	1,518	1,459	1,818	1,673	1,480	1,417	1,225	1,516	1,634	1,643	1,739	1,532	18,654
1978	1,482	1,471	1,769	1,600	1,656	1,490	1,394	1,623	1,684	1,779	1,918	1,679	19,545
1979	1,708	1,528	1,920	1,871	2,006	1,739	1,759	1,916	1,794	2,384	2,265	1,992	22,882
1980	2,193	1,992	2,211	2,376	2,327	1,982	1,917	1,881	2,113	2,312	2,047	2,147	25,498
1981	2,219	1,951	2,292	2,335	1,978	1,852	1,869	1,841	1,985	2,068	1,813	1,952	24,155

Hog Slaughter: Average Live Weight, By Months, 1971, 1977-1981

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Average
----- Pounds -----													
1971	243	237	236	239	245	252	245	235	236	239	246	244	241
1977	241	236	237	241	247	252	249	244	240	245	250	248	244
1978	242	235	236	242	248	254	247	244	243	245	253	253	245
1979	244	238	240	243	248	254	256	245	246	249	254	255	248
1980	250	244	243	246	251	251	248	245	243	242	252	254	247
1981	251	245	244	245	249	250	246	242	243	246	247	249	246

Hog Slaughter: Total Live Weight, By Months, 1971, 1977-1981

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
----- Million pounds -----													
1971	521	421	543	512	474	473	401	443	481	466	512	493	5,740
1977	365	344	430	403	366	357	305	370	393	403	435	381	4,552
1978	359	346	418	386	411	378	344	396	409	436	486	424	4,793
1979	417	363	461	456	498	442	450	469	441	594	575	507	5,673
1980	548	487	536	585	583	497	475	460	513	560	516	545	6,305
1981	557	478	558	572	492	463	461	446	481	508	448	487	5,951

Hogs: Farm Inventory, Sows Farrowed, And Marketings, By County, 1980

County and district	Hogs and pigs on farms ¹	Total sows farrowed and pigs saved		Hogs mkt'd.	County and district	Hogs and pigs on farms ¹	Total sows farrowed and pigs saved		Hogs mkt'd.
		Sows	Pigs				Sows	Pigs	
1,000 head					1,000 head				
Buena Vista	250	47.5	355	330	Marshall	115	26.0	194	160
Cherokee	200	37.5	265	275	Polk	40	8.5	57	75
Clay	140	24.5	182	200	Poweshiek	175	41.0	290	210
Dickinson	95	16.6	122	120	Story	110	22.5	170	180
Emmet	80	11.9	86	135	Tama	185	36.0	260	290
Lyon	225	42.5	315	325	Webster	95	20.0	149	135
O'Brien	205	35.5	275	270	<u>C District</u>	<u>1,750</u>	<u>365.0</u>	<u>2,650</u>	<u>2,600</u>
Osceola	105	19.5	145	170	Benton	195	37.0	285	335
Palo Alto	150	26.0	190	255	Cedar	265	51.5	390	445
Plymouth	410	87.5	605	525	Clinton	230	45.5	305	360
Pocahontas	135	23.5	170	225	Iowa	220	50.0	335	315
Sioux	415	77.5	600	620	Jackson	145	38.0	250	215
<u>NW District</u>	<u>2,400</u>	<u>450.0</u>	<u>3,310</u>	<u>3,450</u>	Johnson	275	62.0	455	395
Butler	200	36.0	280	320	Jones	245	50.0	365	325
Cerro Gordo	145	31.3	245	235	Linn	140	30.0	210	200
Floyd	115	22.0	157	175	Muscatine	120	27.5	190	180
Franklin	195	40.0	305	320	Scott	165	33.5	245	280
Hancock	195	36.7	285	285	<u>EC District</u>	<u>2,000</u>	<u>425.7</u>	<u>3,030</u>	<u>3,050</u>
Humboldt	100	17.6	135	160	Adair	165	35.0	235	245
Kossuth	270	57.3	440	455	Adams	95	18.8	137	130
Mitchell	165	32.0	235	255	Cass	145	28.5	202	235
Winnebago	80	16.8	128	140	Fremont	60	12.7	92	80
Worth	70	13.1	102	115	Mills	60	13.5	98	68
Wright	115	22.2	168	190	Montgomery	95	20.5	138	137
<u>NC District</u>	<u>1,650</u>	<u>325.0</u>	<u>2,480</u>	<u>2,650</u>	Page	145	31.0	210	200
Allamakee	135	29.5	212	155	Pottawattamie	190	34.5	255	255
Black Hawk	145	24.7	190	180	Taylor	95	22.5	162	130
Bremer	120	22.0	152	145	<u>SW District</u>	<u>1,050</u>	<u>217.0</u>	<u>1,529</u>	<u>1,480</u>
Buchanan	225	46.5	340	320	Appanoose	39	8.3	62	54
Chickasaw	150	30.0	205	210	Clarke	62	12.1	85	82
Clayton	295	55.0	415	395	Decatur	54	12.3	92	55
Delaware	465	88.5	645	625	Lucas	57	13.2	95	69
Dubuque	315	61.0	435	400	Madison	110	23.5	165	165
Fayette	240	46.0	330	355	Marion	185	43.0	310	270
Howard	100	22.0	166	130	Monroe	63	15.6	110	94
Winneshek	210	44.8	320	265	Ringgold	85	18.6	130	125
<u>NE District</u>	<u>2,400</u>	<u>470.0</u>	<u>3,410</u>	<u>3,180</u>	Union	72	15.9	111	110
Audubon	190	41.0	265	310	Warren	115	23.8	176	160
Calhoun	135	24.5	183	220	Wayne	58	13.7	94	65
Carroll	300	63.0	435	435	<u>SC District</u>	<u>900</u>	<u>200.0</u>	<u>1,430</u>	<u>1,249</u>
Crawford	280	60.0	405	380	Davis	64	13.6	104	80
Greene	115	19.5	140	230	Des Moines	77	15.0	120	105
Guthrie	110	26.0	192	145	Henry	170	33.0	250	225
Harrison	95	19.0	133	150	Jefferson	125	26.5	200	145
Ida	150	32.0	215	220	Keokuk	285	54.5	425	360
Monona	90	20.5	147	135	Lee	135	23.5	184	200
Sac	240	45.0	320	340	Louisa	89	19.5	142	130
Shelby	230	41.0	295	385	Mahaska	330	60.0	455	465
Woodbury	215	48.5	310	350	Van Buren	88	22.5	163	105
<u>WC District</u>	<u>2,150</u>	<u>440.0</u>	<u>3,040</u>	<u>3,300</u>	Wapello	77	15.4	122	115
Boone	130	23.0	175	200	Washington	360	79.5	595	520
Dallas	90	19.5	135	140	<u>SE District</u>	<u>1,800</u>	<u>363.0</u>	<u>2,760</u>	<u>2,450</u>
Grundy	160	33.5	245	250					
Hamilton	195	42.0	315	265					
Hardin	210	44.0	315	315					
Jasper	245	49.0	345	380					
					State	16,100		23,639	
							3,255.0		23,409

¹December 1.

Hogs: Farm Inventory, Sows Farrowed And Marketings, By County, 1981

County and district	Hogs and pigs on farms ¹	Total sows farrowed and pigs saved		Hogs mkt'd.	County and district	Hogs and pigs on farms ¹	Total sows farrowed and pigs saved		Hogs mkt'd.
		Sows	Pigs				Sows	Pigs	
		1,000 head					1,000 head		
Buena Vista	260	Not available			Marshall	120	Not available		
Cherokee	220				Polk	40			
Clay	140				Poweshiek	180			
Dickinson	100				Story	115			
Emmet	85				Tama	180			
Lyon	220				Webster	100			
O'Brien	225								
Osceola	110								
Palo Alto	165								
Plymouth	445								
Pocahontas	130			<u>C District</u>	<u>1,750</u>				
Sioux	450			Benton	210				
<u>NW District</u>	<u>2,550</u>			Cedar	255				
Butler	210			Clinton	235				
Cerro Gordo	155			Iowa	230				
Floyd	120			Jackson	155				
Franklin	195			Johnson	275				
Hancock	185			Jones	255				
Humboldt	105			Linn	140				
Kossuth	255			Muscatine	115				
Mitchell	160			Scott	180				
Winnebago	75			<u>EC District</u>	<u>2,050</u>				
Worth	70			Adair	155				
Wright	120			Adams	100				
<u>NC District</u>	<u>1,650</u>			Cass	135				
Allakamee	140			Fremont	55				
Black Hawk	145			Mills	65				
Bremer	115			Montgomery	100				
Buchanan	240			Page	145				
Chickasaw	160			Pottawattamie	195				
Clayton	310			Taylor	100				
Delaware	450			<u>SW District</u>	<u>1,050</u>				
Dubuque	325			Appanoose	40				
Fayette	250			Clarke	60				
Howard	105			Decatur	55				
Winneshiek	210			Lucas	55				
<u>NE District</u>	<u>2,450</u>			Madison	110				
Audubon	195			Marion	175				
Calhoun	140			Monroe	65				
Carroll	300			Ringgold	85				
Crawford	265			Union	75				
Greene	120			Warren	120				
Guthrie	105			Wayne	60				
Harrison	95			<u>SC District</u>	<u>900</u>				
Ida	145			Davis	65				
Monona	85			Des Moines	70				
Sac	245			Henry	155				
Shelby	230			Jefferson	120				
Woodbury	225			Keokuk	295				
<u>WC District</u>	<u>2,150</u>			Lee	135				
Boone	125			Louisa	90				
Dallas	95			Mahaska	315				
Grundy	155			Van Buren	85				
Hamilton	195			Wapello	70				
Hardin	200			Washington	350				
Jasper	245			<u>SE District</u>	<u>1,750</u>				
				State	16,300				

¹December 1.

Hogs: Sows Farrowed And Pigs Saved, Spring And Fall, By County, 1980

County and district	December ¹ -May farrowings		June-November farrowings		County and district	December ¹ -May farrowings		June-November farrowings	
	Sows	Pigs	Sows	Pigs		Sows	Pigs	Sows	Pigs
	----- Thousand head -----		----- Thousand head -----			----- Thousand head -----		----- Thousand head -----	
Buena Vista	24.0	185	23.5	170	Marshall	12.5	96	13.5	98
Cherokee	19.5	135	18.0	130	Polk	4.5	30	4.0	27
Clay	12.5	92	12.0	90	Poweshiek	20.0	150	21.0	140
Dickinson	8.3	62	8.3	60	Story	11.0	85	11.5	85
Emmet	6.2	46	5.7	40	Tama	17.5	135	18.5	125
Lyon	21.0	155	21.5	160	Webster	11.0	84	9.0	65
O'Brien	17.5	140	18.0	135	<u>C District</u>	<u>180.0</u>	<u>1,340</u>	<u>185.0</u>	<u>1,310</u>
Osceola	10.0	70	9.5	75	Benton	19.0	145	18.0	140
Palo Alto	13.5	95	12.5	95	Cedar	26.0	195	25.5	195
Plymouth	46.0	310	41.5	295	Clinton	23.5	155	22.0	150
Pocahontas	12.0	90	11.5	80	Iowa	25.0	170	25.0	165
Sioux	39.5	300	38.0	300	Jackson	21.0	130	17.0	120
<u>NW District</u>	<u>230.0</u>	<u>1,680</u>	<u>220.0</u>	<u>1,630</u>	Johnson	30.0	220	32.0	235
Butler	18.5	145	17.5	135	Jones	23.5	175	26.5	190
Cerro Gordo	18.5	145	12.8	100	Linn	15.5	105	14.5	105
Floyd	11.0	77	11.0	80	Muscatine	15.0	100	12.5	90
Franklin	20.5	155	19.5	150	Scott	16.5	115	17.0	130
Hancock	20.0	150	16.7	135	<u>EC District</u>	<u>215.0</u>	<u>1,510</u>	<u>210.0</u>	<u>1,520</u>
Humboldt	9.6	75	8.0	60	Adair	18.0	125	17.0	110
Kossuth	28.0	215	29.3	225	Adams	9.3	69	9.5	68
Mitchell	17.0	120	15.0	115	Cass	14.5	100	14.0	102
Winnebago	8.5	63	8.3	65	Fremont	6.2	47	6.5	45
Worth	6.7	52	6.4	50	Mills	7.0	52	6.5	46
Wright	11.7	93	10.5	75	Montgomery	10.5	71	10.0	67
<u>NC District</u>	<u>170.0</u>	<u>1,290</u>	<u>155.0</u>	<u>1,190</u>	Page	14.5	105	16.5	105
Allamakee	14.5	102	15.0	110	Pottawattamie	18.5	135	16.0	120
Black Hawk	12.5	95	12.2	95	Taylor	11.5	82	11.0	80
Bremer	11.5	77	10.5	75	<u>SW District</u>	<u>110.0</u>	<u>786</u>	<u>107.0</u>	<u>743</u>
Buchanan	23.0	170	23.5	170	Appanoose	4.3	32	4.0	30
Chickasaw	15.5	100	14.5	105	Clarke	6.1	45	6.0	40
Clayton	28.5	215	26.5	200	Decatur	6.5	50	5.8	42
Delaware	45.0	330	43.5	315	Lucas	6.5	47	6.7	48
Dubuque	31.5	220	29.5	215	Madison	12.5	85	11.0	80
Fayette	24.0	165	22.0	165	Marion	24.0	170	19.0	140
Howard	11.0	81	11.0	85	Monroe	7.8	58	7.8	52
Winnebago	23.0	165	21.8	155	Ringgold	9.5	66	9.1	64
<u>NE District</u>	<u>240.0</u>	<u>1,720</u>	<u>230.0</u>	<u>1,690</u>	Union	8.4	58	7.5	53
Audubon	21.5	135	19.5	130	Warren	12.4	90	11.4	86
Calhoun	12.0	95	12.5	88	Wayne	7.0	49	6.7	45
Carroll	33.5	225	29.5	210	<u>SE District</u>	<u>105.0</u>	<u>750</u>	<u>95.0</u>	<u>680</u>
Crawford	31.5	210	28.5	195	Davis	7.3	54	6.3	50
Greene	9.5	70	10.0	70	Des Moines	7.2	57	7.8	63
Guthrie	13.5	100	12.5	92	Henry	16.5	125	16.5	125
Harrison	9.0	63	10.0	70	Jefferson	13.5	100	13.0	100
Ida	16.5	115	15.5	100	Keokuk	27.0	210	27.5	215
Monona	11.0	77	9.5	70	Lee	11.5	94	12.0	90
Sac	21.5	160	23.5	160	Louisa	11.0	76	8.5	66
Shelby	20.5	150	20.5	145	Mahaska	32.0	235	28.0	220
Woodbury	25.0	160	23.5	150	Van Buren	12.0	84	10.5	79
<u>WC District</u>	<u>225.0</u>	<u>1,560</u>	<u>215.0</u>	<u>1,480</u>	Wapello	7.5	60	7.9	62
Boone	11.5	90	11.5	85	Washington	39.5	295	40.0	300
Dallas	9.0	65	10.5	70	<u>SE District</u>	<u>185.0</u>	<u>1,390</u>	<u>178.0</u>	<u>1,370</u>
Grundy	17.0	125	16.5	120	State	1,660.0	12,026	1,595.0	11,613
Hamilton	21.0	155	21.0	160					
Hardin	21.5	160	22.5	155					
Jasper	23.5	165	25.5	180					

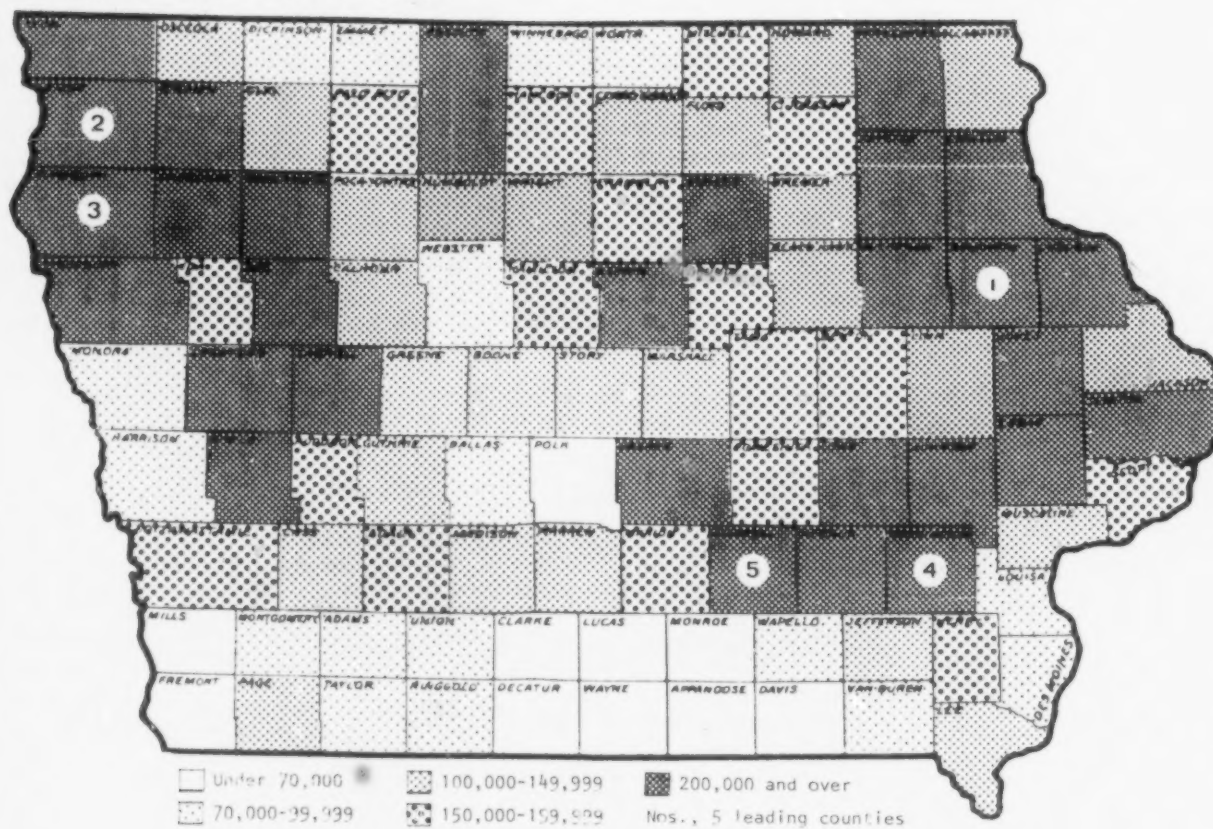
¹Preceding year.

Hogs: Sows Farrowed And Pigs Saved, Spring And Fall, By County, 1981

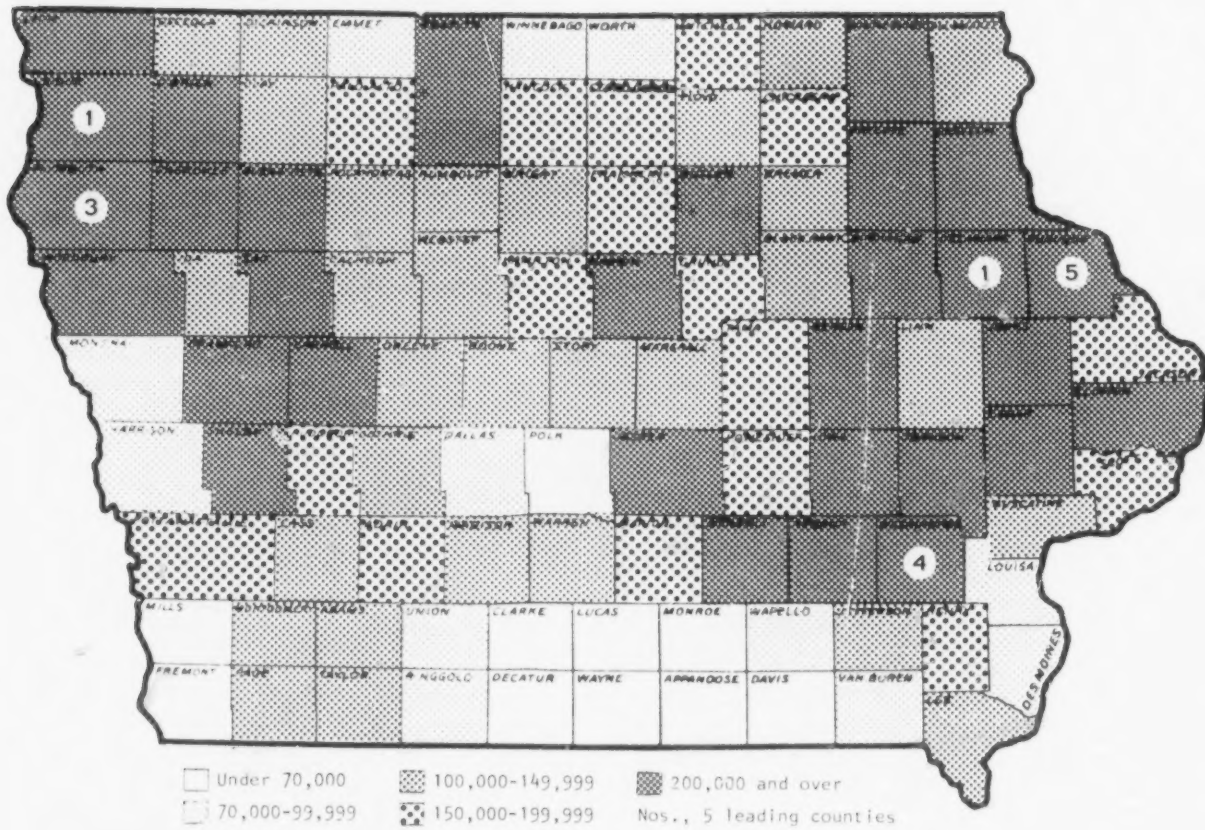
County and district	December-May farrowings		June-November farrowings		County and district	December-May farrowings		June-November farrowings	
	Sows	Pigs	Sows	Pigs		Sows	Pigs	Sows	Pigs
	----- Thousand head -----					----- Thousand head -----			
Buena Vista	Not available				Marshall	Not available			
Cherokee					Polk				
Clay					Poweshiek				
Dickinson					Story				
Emmet					Tama				
Lyon					Webster				
O'Brien					<u>C District</u>				
Osceola					Benton				
Palo Alto					Cedar				
Plymouth					Clinton				
Pocahontas					Iowa				
Sioux					Jackson				
<u>NW District</u>					Johnson				
Butler					Jones				
Cerro Gordo					Linn				
Floyd					Muscatine				
Franklin					Scott				
Hancock					<u>EC District</u>				
Humboldt					Adair				
Kossuth					Adams				
Mitchell					Cass				
Winnebago					Fremont				
Worth					Mills				
Wright					Montgomery				
<u>NC District</u>					Page				
Allamakee					Pottawattamie				
Black Hawk					Taylor				
Bremer					<u>SW District</u>				
Buchanan					Aspenbosc				
Chickasaw					Clarke				
Clayton					Decatur				
Delaware					Lucas				
Dubuque					Madison				
Fayette					Marion				
Howard					Monroe				
Winnebago					Ringgold				
<u>NE District</u>					Union				
Audubon					Warren				
Calhoun					Wayne				
Carroll					<u>SE District</u>				
Crawford					Davis				
Greene					Des Moines				
Guthrie					Henry				
Harrison					Jefferson				
Ida					Keokuk				
Monona					Lee				
Sac					Louisa				
Shelby					Mahaska				
Woodbury					Van Buren				
<u>WC District</u>					Wapello				
Boone					Washington				
Dallas					<u>SE District</u>				
Grundy					State				
Hamilton									
Hardin									
Jasper									

*Preceding year.

All Hogs On Farms: December 1, 1980



All Hogs On Farms: December 1, 1981



The tables below are guidelines to producers in determining profitability of raising feeder steers or feeder pigs to market weight, using 1981 production costs in the Corn Belt. More detailed data on expenses and prices is available in "Livestock and Meat Outlook and Situation," LMS-244, U.S. Department of Agriculture, Economic Research Service.

Steer And Hog Prices, Costs, And Net Margins

Year	Steers Omaha	Feed and feeder	Break- even	Net margin	Barrows & gilts, 7 mths.	Feed and feeder	Break- even	Net margin
Dollars per cwt.								
1979								
Jan.	60.35	49.92	57.02	+3.33	52.13	40.85	49.63	+2.50
Feb.	64.88	50.59	57.81	+7.07	54.42	41.04	49.79	+4.63
Mar.	71.04	50.97	58.26	+12.78	49.38	39.56	48.27	+1.11
Apr.	75.00	51.72	59.04	+15.96	45.04	38.58	47.23	-2.19
May	73.99	52.43	59.80	+14.19	43.79	37.67	46.43	-2.64
June	68.53	55.33	62.88	+5.65	40.29	42.60	52.18	-11.89
July	67.06	58.73	66.79	+0.27	38.73	43.17	52.85	-14.12
Aug.	62.74	61.90	70.39	-7.65	38.21	42.73	52.39	-14.18
Sep.	67.84	66.14	74.93	-7.09	38.62	38.58	47.83	-9.21
Oct.	65.81	68.02	77.02	-11.21	34.74	34.49	43.38	-8.64
Nov.	67.00	68.31	76.30	-9.30	36.01	33.58	42.32	-6.31
Dec.	68.72	64.70	73.40	-4.68	38.45	32.30	40.90	-2.45
1980								
Jan.	66.32	66.02	74.82	-8.50	37.49	33.96	42.73	-5.24
Feb.	67.44	62.70	71.32	-3.88	37.51	30.83	39.45	-1.94
Mar.	66.80	66.40	75.27	-8.47	33.94	31.98	41.04	-7.10
Apr.	63.07	63.89	72.84	-9.77	28.86	32.04	41.12	-12.26
May	64.58	63.95	73.03	-8.45	29.50	33.71	43.13	-13.63
June	66.29	64.37	73.52	-7.23	35.17	35.87	45.75	-10.58
July	70.47	63.91	73.48	-3.01	43.16	33.29	43.03	+0.13
Aug.	72.31	64.92	74.81	-2.50	48.30	30.25	39.88	+8.42
Sep.	69.68	61.30	70.97	-1.29	47.24	29.33	38.66	+8.58
Oct.	67.18	56.66	66.71	+0.47	48.15	30.61	40.06	+8.09
Nov.	65.05	56.76	66.63	-1.58	46.38	33.29	42.75	+3.63
Dec.	64.29	59.00	69.07	-4.78	44.80	39.08	49.08	-4.28
1981								
Jan.	63.08	61.01	70.51	-7.43	41.42	39.74	49.76	-8.34
Feb.	61.50	64.07	73.87	-12.37	42.43	42.07	52.31	-9.88
Mar.	61.40	65.42	75.31	-13.91	39.54	42.90	53.15	-13.61
Apr.	64.92	64.32	74.21	-9.29	39.79	43.57	53.90	-14.11
May	66.86	63.79	73.62	-6.76	42.05	40.36	50.65	-8.60
June	68.26	64.16	74.00	-5.74	49.04	42.34	53.48	-4.44
July	67.86	63.95	74.46	-6.60	50.66	41.55	52.70	-2.04
Aug.	66.37	62.60	73.32	-6.95	50.92	43.82	55.08	-4.16
Sep.	65.37	61.20	71.85	-6.48	49.68	42.15	53.17	-3.49
Oct.	61.45	62.10	72.63	-11.18	45.62	42.51	53.63	-8.01
Nov.	59.81	59.40	69.59	-9.78	42.20	40.27	51.22	-9.02
Dec.	59.24	59.29	69.46	-10.22	40.06	41.44	52.66	-12.60

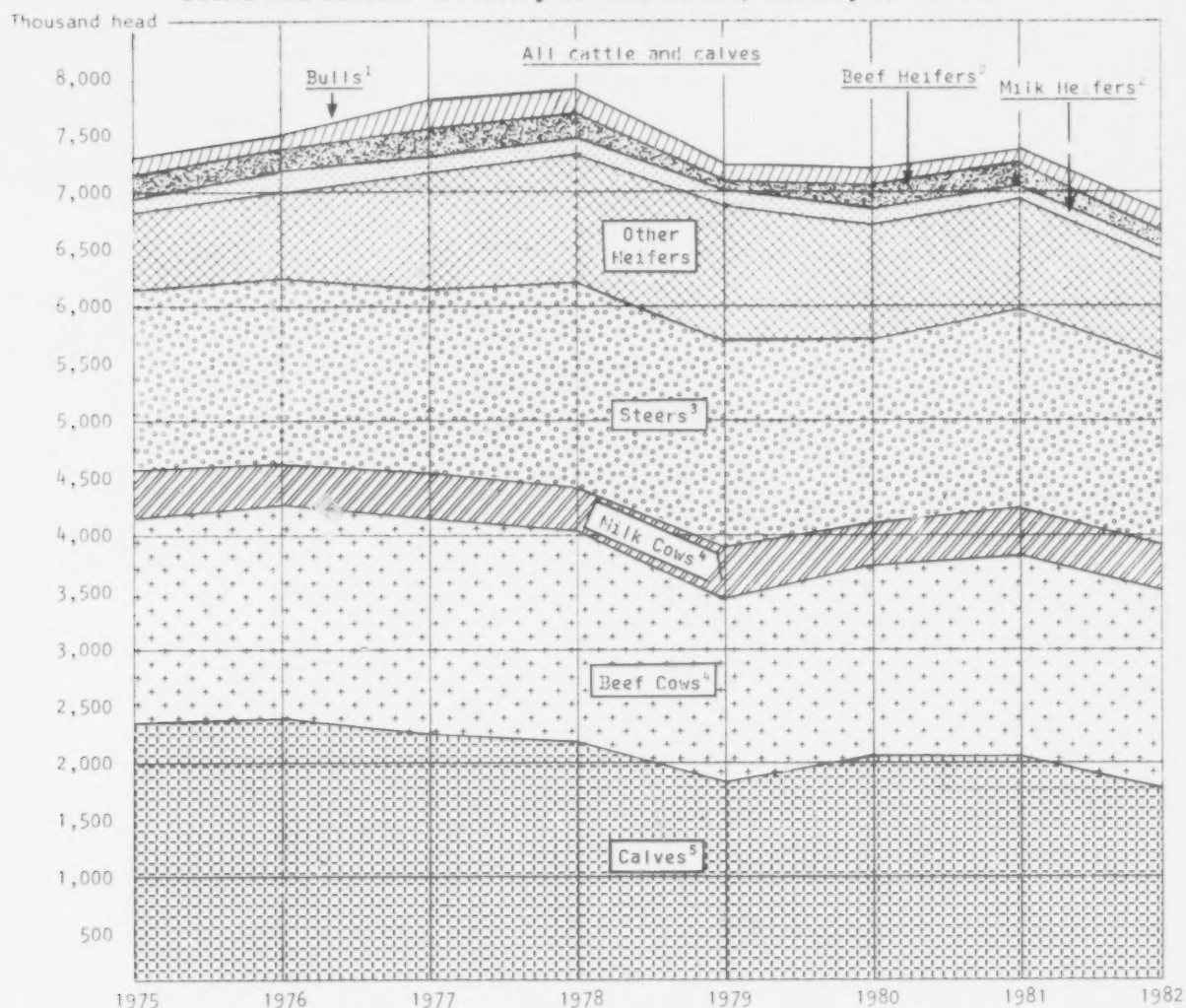
Selling price required to cover costs of feeding 600 lb. feeder steer to 1,050 lb. slaughter in Corn Belt. Selling price required to cover costs of feeding 40-50 lb. feeder pig to 220 lb. slaughter hog in Corn Belt.

Feeder Steer And Feeder Pig Prices Consistant With Break-Even, Given Corn And Fed Steer And Market Hog Prices

Corn (Farm price) \$/bu.	Choice steers, \$/cwt. ¹					Market hogs, \$/cwt. ²				
	55	60	65	70	75	40	45	50	55	60
	Feeder steers, \$/cwt.					Feeder pigs, \$/hd				
2.00	49	57	66	75	84	20	31	42	53	64
2.25	47	55	64	73	82	17	28	39	50	61
2.50	44	53	62	71	80	14	25	36	47	58
2.75	42	51	60	69	77	12	23	34	45	56
3.00	40	49	58	67	75	9	20	31	42	63
3.25	38	47	56	64	73	3	17	28	39	50

¹ Assuming all other costs at March 1982 levels. ² Assuming protein and other costs at March 1982 levels.

Cattle And Calves: Inventory On Iowa Farms, January 1, 1975-82



¹Bulls 500 pounds and over. ²Heifers 500 pounds and over for replacement. ³Steers 500 pounds and over. ⁴Cows and heifers that have calved. ⁵Steers, heifers, and bulls under 500 pounds.

Cattle And Calves: Number On Farms, January 1, Inventory Value And Calf Crop, 1972, 1978-82

Year	All cattle and calves			Cows and heifers that have calved			Calves born during year	Heifers 500 lbs. and over			Steers 500 lbs. and over	Bulls 500 lbs. and over	All calves less than 500 lbs.
	Number	Value		Milk	Beef	Total		Milk re- place- ment	Beef re- place- ment	Other			
		Per head	Total										
	1000/Hd.	Dol.	1000/\$	-----				Thousand head			-----		
1972	7,773	210	1,632,330	465	1,770	2,235	2,160	152	256	805	1,695	93	2,537
1978	7,800	235	1,833,000	380	1,800	2,180	2,140	164	187	1,170	1,778	92	2,229
1979	7,200	410	2,952,500	374	1,684	2,058	2,030	126	163	1,110	1,872	89	1,782
1980	7,150	505	3,610,750	372	1,746	2,118	1,950	143	186	980	1,618	100	2,005
1981	7,350	445	3,270,750	378	1,834	2,212	2,000	154	198	1,008	1,660	103	2,015
1982	6,850	390	2,671,500	389	1,735	2,124	1,950	157	192	863	1,644	89	1,781

**Number Of Feedlots And Fed Cattle Marketed By Size Of Feedlot Capacity,
Iowa And 23 Major States¹, 1971, 1979-81**

Cattle	1971		1979		1980		1981	
	Number of lots	Fed cattle marketed 1,000 head	Number of lots	Fed cattle marketed 1,000 head	Number of lots	Fed cattle marketed 1,000 head	Number of lots	Fed cattle marketed 1,000 head
IOWA								
Under 1,000	38,830	3,574	31,518	1,820	29,532	1,677	25,336	1,359
1,000 - 1,999	90	140	334	440	330	436	500	655
2,000 - 3,999	55	125	106	280	96	255	120	318
4,000 - 7,999	20	90	34	195	29	144	30	150
8,000 and over	5	55	8	155	13	178	14	218
Total	39,000	3,984	32,000	2,890	30,000	2,690	26,000	2,700
23 MAJOR STATES²								
Under 1,000	163,084	10,498	118,031	7,006	111,178	6,406	102,168	6,152
1,000 - 1,999	978	1,260	975	1,361	1,051	1,356	1,154	1,688
2,000 - 3,999	537	1,423	462	1,368	438	1,448	437	1,437
4,000 - 7,999	323	2,063	248	1,656	248	1,661	242	1,615
8,000 - 15,999	207	3,137	208	3,071	202	2,957	198	2,991
16,000 - 31,999	116	3,899	144	5,031	140	4,575	135	4,323
32,000 and over	44	3,001	68	5,132	69	4,806	75	4,808
Total	165,289	25,281	120,136	24,625	113,326	23,209	104,409	23,014

¹Number of feedlots with 1,000 head or more capacity is number of lots operating anytime during year. Number under 1,000 head capacity is number at end of year. ²Includes Arizona, California, Colorado, Idaho, Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Montana, Nebraska, New Mexico, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, South Dakota, Texas, Washington, and Wisconsin.

Cattle And Calves: Number On Feed, By Quarters, 1971, 1977-81

Quarter and year	Steers					Total	Heifers				
	Under 500 lbs.	500- 699 lbs.	700- 899 lbs.	900- 1099 lb.	1100 and over		Under 500 lbs.	500- 699 lbs.	700- 899 lbs.	900- 1099 lbs.	Total
Thousand head											
January 1											
1971	280	374	387	227	67	1,335	170	210	210	65	655
1977	127	204	331	253	58	973	120	159	170	98	547
1978	108	335	324	238	75	1,080	133	194	187	91	605
1979	115	251	313	293	73	1,045	119	170	176	102	567
1980	84	209	270	274	94	931	69	125	141	96	431
1981	53	219	228	263	114	877	62	154	144	120	480
April 1											
1971	59	515	426	382	88	1,470	51	263	200	57	571
1977	27	291	228	291	73	910	34	264	131	58	487
1978	29	270	309	289	68	965	35	266	207	83	591
1979	19	255	273	311	85	943	19	214	170	82	485
1980	17	208	285	260	95	865	23	191	163	88	465
1981	17	193	292	243	92	837	15	157	137	72	381
July 1											
1971	23	160	502	377	80	1,142	10	127	299	54	490
1977	23	105	279	286	60	753	8	118	211	69	406
1978	16	91	340	307	75	829	14	98	256	98	466
1979	5	69	317	308	91	790	6	100	206	77	389
1980	4	60	285	300	80	729	5	94	227	111	437
1981	6	60	266	338	64	734	4	78	219	103	404
October 1											
1971	40	171	311	392	90	1,004	34	155	172	70	431
1977	14	98	239	295	56	702	13	139	215	81	448
1978	8	110	263	365	102	848	12	84	187	116	399
1979	35	63	218	324	64	704	27	96	162	100	385
1980	15	80	227	309	94	725	13	90	163	120	386
1981	5	50	205	285	84	629	3	63	162	132	360

Cattle On Feed: Number Marketed And Placements, By Months, 1971, 1977-81

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
<i>Thousand head</i>													
Cattle and calves placed on feed													
1971	460	156	356	221	135	234	213	296	357	529	593	554	4,104
1977	210	210	190	180	190	170	190	200	310	400	500	482	3,232
1978	252	225	230	220	215	200	240	260	350	410	475	390	3,467
1979	245	160	180	210	170	140	240	195	265	345	410	365	2,925
1980	305	180	167	165	215	165	185	210	230	320	350	295	2,787
1981	235	180	175	205	180	170	135	170	235	265	325	310	2,585
Grain fed cattle marketed													
1971	359	287	275	281	352	366	360	336	367	322	339	340	3,884
1977	240	215	230	230	240	220	210	240	230	280	230	297	2,862
1978	272	225	275	240	260	290	280	280	280	300	260	280	3,242
1979	260	220	210	210	220	250	260	260	215	255	270	260	2,890
1980	260	195	220	205	230	225	215	230	210	235	235	230	2,690
1981	280	190	225	170	205	225	215	235	215	240	260	240	2,700

Cattle And Calves: Number On Feed, By Months, 1971, 1977-81

Year	Jan. 1	Feb. 1	Mar. 1	Apr. 1	May 1	June 1	July 1	Aug. 1	Sep. 1	Oct. 1	Nov. 1	Dec. 1
<i>Thousand head</i>												
1971	1,992	2,093	1,962	2,043	1,983	1,766	1,634	1,487	1,447	1,437	1,644	1,898
1977	1,520	1,480	1,460	1,400	1,310	1,220	1,160	1,130	1,080	1,150	1,260	1,520
1978	1,690	1,650	1,630	1,560	1,500	1,420	1,300	1,240	1,200	1,250	1,340	1,540
1979	1,620	1,580	1,480	1,430	1,400	1,320	1,180	1,140	1,060	1,100	1,180	1,300
1980	1,390	1,420	1,400	1,335	1,285	1,250	1,175	1,135	1,110	1,120	1,200	1,310
1981	1,370	1,310	1,290	1,230	1,250	1,200	1,140	1,050	980	990	1,010	1,070

Cattle And Calves: Inventory, Supply, And Disposition, 1971, 1977-81

Year	Inventory January 1	Calf crop	Inshipments	Marketings		Farm slaughter	Cattle & Calf deaths
				Cattle	Calves		
	Thousand head						
1971	7,403	2,150	3,215	4,639	111	15	230
1977	7,650	2,140	3,000	4,542	162	16	270
1978	7,800	2,030	2,700	4,749	170	11	300
1979	7,200	1,950	2,300	3,829	140	11	320
1980	7,150	2,000	2,350	3,739	155	6	250
1981	7,350	1,950	1,900	3,959	171	7	213

Cattle And Calves: Production And Income, 1971, 1977-81

Year	Production	Marketings	Average price per 100 pounds		Value of production	Cash receipts	Value of home consumption	Gross income
			Cattle	Calves				
--- Thousand pounds ---			--- Dollars ---		----- Thousand dollars -----			
1971	2,874,602	4,662,857	30.30	34.70	876,529	1,413,646	15,072	1,428,718
1977	2,885,950	4,823,670	37.20	37.80	1,073,679	1,794,565	28,354	1,822,919
1978	2,878,680	5,014,360	50.90	56.50	1,460,513	2,553,790	26,083	2,579,873
1979	2,461,380	4,080,110	65.80	84.60	1,639,390	2,688,621	51,067	2,739,688
1980	2,756,480	4,059,910	65.30	78.20	1,804,104	2,654,488	24,544	2,679,032
1981	2,871,150	4,297,068	58.20	63.40	1,668,126	2,502,401	26,606	2,529,007

Iowa, Cattle Slaughter: Number Slaughtered, By Months, 1971, 1977-81

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Thousand head													
1971	384	310	338	321	331	370	359	358	385	378	372	375	4,281
1977	395	346	395	375	384	432	377	410	386	374	330	352	4,556
1978	342	328	353	317	346	330	313	343	327	325	309	324	3,957
1979	338	271	290	245	245	257	264	295	239	263	263	265	3,235
1980	273	244	234	235	262	238	245	245	245	265	248	265	2,999
1981	286	248	269	272	266	286	280	274	267	306	296	321	3,371

Iowa, Cattle Slaughter: Average Live Weight, By Months, 1971, 1977-81

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Avg.
Pounds													
1971	1,073	1,067	1,065	1,067	1,075	1,062	1,048	1,023	1,028	1,037	1,054	1,064	1,055
1977	1,074	1,061	1,075	1,099	1,089	1,082	1,056	1,044	1,044	1,050	1,045	1,056	1,065
1978	1,056	1,052	1,049	1,053	1,061	1,064	1,050	1,041	1,044	1,066	1,087	1,085	1,059
1979	1,079	1,060	1,069	1,076	1,087	1,092	1,084	1,064	1,069	1,076	1,093	1,102	1,079
1980	1,120	1,119	1,118	1,114	1,115	1,107	1,067	1,049	1,054	1,076	1,094	1,111	1,095
1981	1,124	1,120	1,123	1,119	1,117	1,099	1,064	1,059	1,067	1,080	1,096	1,097	1,097

Iowa, Cattle Slaughter: Total Live Weight, By Months, 1971, 1977-81

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Million pounds													
1971	411	331	360	343	356	393	376	366	396	392	392	399	4,515
1977	424	367	425	412	418	467	398	428	403	393	344	372	4,852
1978	361	344	370	334	367	351	329	357	341	347	335	351	4,189
1979	367	287	310	263	266	280	286	315	255	282	287	292	3,490
1980	304	273	262	262	292	263	261	257	259	286	271	295	3,285
1981	322	278	302	304	297	314	298	290	285	330	324	353	3,697

U.S., Cattle Slaughter: Number Slaughtered, By Months, 1971, 1977-81

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Thousand head													
1971	2,921	2,619	3,047	2,889	2,873	3,154	3,068	3,071	3,140	3,009	2,924	2,870	35,585
1977	3,547	3,301	3,618	3,265	3,300	3,628	3,308	3,749	3,572	3,556	3,542	3,470	41,856
1978	3,468	3,270	3,470	3,180	3,436	3,261	3,062	3,458	3,223	3,408	3,269	3,047	39,552
1979	3,306	2,737	2,853	2,533	2,793	2,719	2,663	3,034	2,551	3,038	2,798	2,653	33,678
1980	2,928	2,646	2,571	2,715	2,780	2,698	2,838	2,852	2,925	3,221	2,705	2,928	33,807
1981	3,005	2,659	2,922	2,811	2,756	2,929	2,921	2,934	3,024	3,125	2,855	3,012	34,953

U.S., Cattle Slaughter: Average Live Weight, By Months, 1971, 1977-81

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Avg.
Pounds													
1971	1,047	1,042	1,039	1,031	1,029	1,022	1,014	1,009	1,008	1,019	1,035	1,049	1,028
1977	1,033	1,034	1,038	1,036	1,028	1,023	1,016	1,014	1,013	1,012	1,016	1,024	1,024
1978	1,033	1,030	1,027	1,026	1,027	1,026	1,026	1,031	1,040	1,045	1,061	1,065	1,036
1979	1,062	1,052	1,056	1,057	1,058	1,057	1,054	1,054	1,057	1,067	1,071	1,078	1,060
1980	1,088	1,089	1,083	1,078	1,077	1,073	1,059	1,050	1,055	1,064	1,071	1,077	1,072
1981	1,090	1,093	1,095	1,088	1,080	1,071	1,055	1,052	1,057	1,068	1,073	1,078	1,075

U.S., Cattle Slaughter: Total Live Weight, By Months, 1971, 1977-81

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Million pounds													
1971	3,057	2,729	3,166	2,979	2,958	3,224	3,111	3,098	3,166	3,065	3,024	3,010	36,588
1977	3,665	3,413	3,757	3,382	3,391	3,711	3,359	3,801	3,619	3,597	3,600	3,554	42,849
1978	3,585	3,368	3,563	3,263	3,527	3,345	3,143	3,566	3,353	3,562	3,467	3,244	40,986
1979	3,513	2,879	3,014	2,676	2,955	2,873	2,806	3,198	2,697	3,241	2,996	2,861	35,709
1980	3,186	2,882	2,784	2,927	2,993	2,895	3,006	2,996	3,085	3,426	2,896	3,153	36,229
1981	3,276	2,907	3,200	3,059	2,975	3,136	3,080	3,087	3,197	3,338	3,063	3,247	37,565

All Cows, January 1, 1981-1982, And Calves Born, 1980-1981, By County

County and district	All cows		All calves		County and district	All cows		All calves	
	1981	1982	1980	1981		1981	1982	1980	1981
	Number					Number			
Buena Vista	11,900	10,300	10,700		Marshall	21,300	21,200	19,100	
Cherokee	23,600	20,400	20,900		Polk	8,200	8,400	7,500	
Clay	14,300	14,200	12,800		Poweshiek	35,800	30,200	33,300	
Dickinson	10,100	8,800	9,200		Story	8,700	9,000	7,700	
Emmet	10,000	9,900	9,000		Tama	32,000	27,300	28,900	
Lyon	28,400	26,000	26,000		Webster	7,000	6,500	6,100	
O'Brien	12,600	11,300	11,700		<i>C District</i>	209,000	184,800	190,000	
Osceola	8,100	7,400	7,500		Benton	25,100	21,600	23,000	
Palo Alto	8,000	7,300	7,500		Cedar	19,400	17,600	18,000	
Plymouth	29,600	28,900	27,300		Clinton	24,600	23,100	22,600	
Pocahontas	4,800	4,100	4,400		Iowa	35,200	32,900	33,000	
Sioux	24,600	24,400	23,000		Jackson	47,000	43,600	44,400	
<i>NW District</i>	186,000	173,000	170,000		Johnson	29,800	27,900	26,900	
Butler	17,100	15,900	15,900		Jones	28,700	29,100	27,000	
Cerro Gordo	8,900	8,500	8,100		Linn	21,900	21,600	19,800	
Floyd	10,500	9,800	9,700		Muscatine	14,400	14,800	13,600	
Franklin	11,200	11,100	10,400		Scott	12,900	12,800	11,900	
Hancock	8,300	7,600	7,500		<i>EC District</i>	259,000	245,000	240,000	
Humboldt	3,800	3,500	3,400		Adair	44,700	38,000	41,800	
Kossuth	12,900	11,500	11,700		Adams	25,100	25,500	22,800	
Mitchell	12,300	13,000	12,100		Cass	30,500	28,600	28,200	
Winnebago	3,900	3,700	3,700		Fremont	15,500	15,900	13,500	
Worth	5,200	4,800	4,900		Mills	10,800	11,100	9,800	
Wright	4,900	4,600	4,600		Montgomery	17,700	18,400	15,900	
<i>NC District</i>	99,000	94,000	92,000		Page	25,400	23,600	23,200	
Allamakee	56,500	56,800	51,200		Pottawattamie	28,200	27,800	25,700	
Black Hawk	13,300	12,200	12,200		Taylor	30,100	29,700	27,100	
Bremer	16,500	16,200	15,200		<i>SW District</i>	228,000	218,600	208,000	
Buchanan	20,600	20,800	18,600		Appanoose	34,800	33,000	31,200	
Chickasaw	19,600	17,900	18,000		Clarke	27,400	25,700	25,200	
Clayton	60,500	59,100	56,200		Decatur	37,900	34,200	34,400	
Delaware	37,500	36,100	34,400		Lucas	25,200	23,700	23,400	
Dubuque	56,000	58,100	50,200		Madison	32,100	34,000	30,400	
Fayette	41,500	41,800	38,000		Marion	26,200	23,500	23,500	
Howard	24,000	23,800	22,000		Monroe	31,900	33,800	29,600	
Winnebago	59,000	56,200	54,000		Ringgold	40,000	39,400	37,400	
<i>NE District</i>	405,000	399,000	370,000		Union	31,800	33,400	29,800	
Audubon	22,400	19,100	19,700		Warren	29,400	28,900	26,900	
Calhoun	10,800	9,600	9,600		Wayne	36,300	38,000	33,200	
Carroll	19,300	16,400	17,100		<i>SC District</i>	353,000	347,600	325,000	
Crawford	39,800	33,900	35,800		Davis	32,700	30,300	30,300	
Greene	18,200	15,300	16,000		Des Moines	13,700	14,200	12,200	
Guthrie	32,100	28,800	29,200		Henry	14,000	14,700	13,600	
Harrison	22,800	19,400	21,400		Jefferson	16,300	14,900	15,000	
Ida	17,400	16,400	15,900		Keokuk	25,900	26,400	24,400	
Monona	17,200	15,700	15,500		Lee	17,500	17,400	16,000	
Sac	19,900	18,100	17,700		Louisa	7,600	7,200	6,700	
Shelby	25,000	22,600	23,300		Mahaska	22,600	19,200	20,300	
Woodbury	36,100	32,200	33,800		Van Buren	24,900	26,700	22,500	
<i>WC District</i>	281,000	247,500	255,000		Wapello	22,200	23,700	20,400	
Boone	10,900	10,000	10,100		Washington	20,600	19,800	18,600	
Dallas	16,400	13,700	15,000		<i>SE District</i>	218,000	214,500	200,000	
Grundy	13,100	11,200	11,400		State	2,238,000	2,050,000		
Hamilton	4,900	4,200	4,300				2,124,000		
Hardin	16,800	14,200	15,600						
Jasper	33,900	28,900	31,000						

**Total Cattle, Beef Cows, Milk Cows, Milk Cows On Farms, January 1, 1981,
And Grain Fed Marketings During The Year, By County, 1980**

County and district	All cattle and calves	Beef cows	Milk cows	Grain fed cattle marketed	County and district	All cattle and calves	Beef cows	Milk cows	Grain fed cattle marketed
----- Number of head -----					----- Number of head -----				
Buena Vista	57,000	11,000	900	27,000	Marshall	65,000	20,500	800	24,000
Cherokee	150,000	21,500	2,100	78,000	Polk	22,000	7,600	600	7,000
Clay	68,000	13,500	800	35,000	Poweshiek	88,000	34,000	1,800	18,000
Dickinson	51,000	9,400	700	27,000	Story	32,000	7,500	1,200	16,000
Emmet	42,000	9,500	500	23,000	Tama	88,000	30,000	2,000	27,000
Lyon	130,000	20,500	7,900	61,000	Webster	26,000	6,400	600	13,000
O'Brien	105,000	10,000	2,600	72,000	<u>C District</u>	<u>690,000</u>	<u>195,000</u>	<u>14,000</u>	<u>300,000</u>
Osceola	63,000	5,700	2,400	35,000	Benton	97,000	22,000	3,100	41,000
Palo Alto	45,000	7,200	800	25,000	Cedar	63,000	17,000	2,400	27,000
Plymouth	160,000	26,000	3,600	76,000	Clinton	130,000	20,000	4,600	67,000
Pocahontas	44,000	4,200	600	24,000	Iowa	105,000	33,000	2,200	26,000
Sioux	285,000	11,500	13,100	217,000	Jackson	120,000	35,500	11,500	33,000
<u>NW District</u>	<u>1,200,000</u>	<u>150,000</u>	<u>36,000</u>	<u>700,000</u>	Johnson	74,000	26,500	3,300	16,000
Butler	49,000	12,100	5,000	15,000	Jones	94,000	22,000	6,700	36,000
Cerro Gordo	29,000	7,800	1,100	14,000	Lincoln	59,000	16,500	5,400	15,000
Floyd	39,000	8,300	2,200	12,000	Muscatine	40,000	12,500	1,900	11,000
Franklin	56,000	9,600	1,600	26,000	Scott	48,000	10,000	2,900	23,000
Hancock	43,000	6,500	1,800	17,000	<u>EC District</u>	<u>830,000</u>	<u>215,000</u>	<u>44,000</u>	<u>295,000</u>
Humboldt	28,500	3,000	800	16,000	Adair	105,000	42,500	2,200	20,000
Kossuth	80,000	10,200	2,700	37,500	Adams	56,000	24,500	600	10,000
Mitchell	57,000	7,100	5,200	22,000	Cass	96,000	29,500	1,000	38,000
Winnebago	16,500	2,500	1,400	6,000	Fremont	44,000	15,000	500	23,000
Worth	17,000	3,700	1,500	8,500	Mills	47,000	10,500	300	26,000
Wright	25,000	4,200	700	16,000	Montgomery	67,000	17,000	700	20,000
<u>NC District</u>	<u>440,000</u>	<u>75,000</u>	<u>24,000</u>	<u>190,000</u>	Page	81,000	24,500	900	21,000
Allamakee	130,000	32,500	24,000	10,000	Pottawattamie	148,000	27,000	1,200	95,000
Black Hawk	48,000	8,500	4,800	18,500	Taylor	66,000	29,500	600	7,000
Bremer	49,000	5,500	11,000	9,500	<u>SW District</u>	<u>710,000</u>	<u>220,000</u>	<u>8,000</u>	<u>260,000</u>
Buchanan	57,000	13,000	7,600	16,000	Appanoose	59,000	34,000	800	3,000
Chickasaw	56,000	13,000	6,600	13,500	Clarke	53,000	27,000	400	3,700
Clayton	145,000	28,500	32,000	15,500	Decatur	71,000	37,000	900	4,300
Delaware	97,000	11,500	26,000	18,000	Lucas	53,000	24,500	700	4,400
Dubuque	140,000	22,000	34,000	29,000	Madison	77,000	31,000	1,100	9,800
Fayette	115,000	18,000	23,500	25,000	Marion	67,000	24,000	2,200	14,000
Howard	63,000	14,500	9,500	9,000	Monroe	63,000	30,500	1,400	3,500
Winnebago	150,000	28,000	31,000	21,000	Ringgold	86,000	39,000	1,000	5,500
<u>NE District</u>	<u>1,050,000</u>	<u>195,000</u>	<u>210,000</u>	<u>185,000</u>	Union	74,000	31,000	800	7,300
Audubon	100,000	21,000	1,400	36,000	Warren	63,000	27,000	2,400	7,500
Calhoun	58,000	10,500	300	36,000	Wayne	74,000	35,000	1,300	7,000
Carroll	170,000	17,500	1,800	99,000	<u>SE District</u>	<u>740,000</u>	<u>340,000</u>	<u>13,000</u>	<u>70,000</u>
Crawford	145,000	37,000	2,800	49,000	Davis	64,000	30,000	2,700	3,500
Greene	64,000	18,000	200	23,000	Des Moines	32,000	13,000	700	10,000
Guthrie	97,000	31,000	1,100	20,000	Henry	33,000	13,500	500	9,500
Harrison	64,000	21,500	1,300	14,000	Jefferson	44,000	15,500	800	7,000
Ida	100,000	16,000	1,400	53,000	Keokuk	60,000	25,000	900	11,500
Monona	73,000	16,500	700	27,000	Lee	48,000	15,000	2,500	14,500
Sac	120,000	18,000	1,900	74,000	Louisa	23,000	7,500	100	7,500
Shelby	104,000	23,500	1,500	39,000	Mahaska	90,000	20,500	2,100	36,500
Woodbury	155,000	34,500	1,600	90,000	Van Buren	46,000	24,000	900	4,500
<u>WC District</u>	<u>1,250,000</u>	<u>265,000</u>	<u>16,000</u>	<u>560,000</u>	Wapello	45,000	21,500	700	7,500
Boone	51,000	10,500	400	25,000	Washington	55,000	19,500	1,100	18,000
Dallas	45,000	16,000	400	21,000	<u>SE District</u>	<u>540,000</u>	<u>205,000</u>	<u>13,000</u>	<u>130,000</u>
Grundy	54,000	11,000	2,100	36,000	State	7,450,000	1,860,000	378,000	2,690,000
Hamilton	37,000	4,500	400	27,000					
Hardin	85,000	16,000	800	53,000					
Jasper	97,000	31,000	2,900	33,000					

**Total Cattle, Beef Cows, Milk Cows, Milk Cows On Farms, January 1, 1982,
And Grain Fed Marketings During The Year, By County, 1981**

County and district	All cattle and calves	Beef cows	Milk cows	Grain fed cattle marketed	County and district	All cattle and calves	Beef cows	Milk cows	Grain fed cattle marketed
Number of head					Number of head				
Buena Vista	51,900	9,300	1,000	Not available	Marshall	56,900	20,300	900	Not available
Cherokee	136,200	18,200	2,200		Polk	19,300	7,800	600	
Clay	58,200	13,300	900		Poweshiek	85,500	28,200	2,000	
Dickinson	46,700	8,000	800		Story	29,300	7,700	1,300	
Emmet	38,400	9,400	500		Tama	82,400	25,300	2,000	
Lyon	115,300	18,000	8,000		Webster	21,600	5,900	600	
O'Brien	95,500	8,500	2,800		<u>C District</u>	<u>620,000</u>	<u>170,000</u>	<u>14,800</u>	
Osceola	54,300	4,800	2,600		Benton	83,000	18,400	3,200	
Palo Alto	38,900	6,400	900		Cedar	62,400	15,400	2,200	
Plymouth	138,700	25,300	3,600		Clinton	118,000	18,100	5,000	
Pocahontas	40,900	3,500	600		Iowa	95,400	30,600	2,300	
Sioux	250,000	11,300	13,100		Jackson	105,000	31,500	12,100	
<u>NI District</u>	<u>1,065,000</u>	<u>136,000</u>	<u>37,000</u>		Johnson	66,700	24,600	3,300	
Butler	45,300	10,300	5,600		Jones	21,500	22,200	6,900	
Cerro Gordo	24,700	7,300	1,200		Linn	56,800	16,600	5,000	
Floyd	35,800	7,500	2,300		Muscatine	38,200	12,800	2,000	
Franklin	48,600	9,500	1,600		Scott	43,000	9,800	3,000	
Hancock	37,700	5,600	2,000		<u>EC District</u>	<u>750,000</u>	<u>200,000</u>	<u>45,000</u>	
Humboldt	24,600	2,600	900		Adair	90,300	36,000	2,000	
Kossuth	69,600	8,700	2,800		Adams	57,700	24,900	600	
Mitchell	51,800	7,200	5,800		Cass	90,600	27,700	900	
Winnebago	13,700	2,200	1,500		Fremont	43,300	15,400	500	
Worth	14,200	3,300	1,500		Mills	48,900	10,800	300	
Wright	24,000	3,800	800		Montgomery	67,700	17,700	700	
<u>NC District</u>	<u>390,000</u>	<u>68,000</u>	<u>26,000</u>		Page	72,000	22,700	900	
Allamakee	122,100	31,800	25,000		Pottawattamie	136,900	26,700	1,100	
Black Hawk	46,000	7,200	5,000		Taylor	57,600	29,100	600	
Bremer	44,600	5,100	11,100		<u>SW District</u>	<u>665,000</u>	<u>211,000</u>	<u>7,600</u>	
Buchanan	56,400	12,900	7,900		Appanoose	58,000	32,200	800	
Chickasaw	51,100	11,300	6,600		Clarke	47,000	25,300	400	
Clayton	133,400	27,100	32,000		Decatur	62,200	33,300	900	
Delaware	91,200	11,100	25,000		Lucas	45,500	23,000	700	
Dubuque	137,900	22,100	36,000		Madison	77,800	32,900	1,100	
Fayette	107,100	16,800	25,000		Marion	68,200	21,300	2,200	
Howard	61,600	13,400	10,400		Monroe	63,900	32,400	1,400	
Winnesiek	148,600	24,200	32,000		Ringgold	84,600	38,500	900	
<u>NE District</u>	<u>1,000,000</u>	<u>183,000</u>	<u>216,000</u>		Union	72,900	32,600	800	
Audubon	87,000	17,600	1,500		Warren	62,400	26,700	2,200	
Calhoun	50,200	9,300	300		Wayne	72,500	36,800	1,200	
Carroll	141,200	14,700	1,700		<u>SC District</u>	<u>715,000</u>	<u>335,000</u>	<u>12,600</u>	
Crawford	140,400	31,000	2,900		Davis	61,800	27,600	2,700	
Greene	53,100	15,100	200		Des Moines	33,800	13,400	800	
Guthrie	89,900	27,600	1,200		Henry	34,900	14,200	500	
Harrison	53,100	18,100	1,300		Jefferson	41,000	14,100	800	
Ida	91,300	14,900	1,500		Keokuk	60,100	25,400	1,000	
Monona	63,600	15,000	700		Lee	48,700	14,800	2,600	
Sac	104,700	16,100	2,000		Louisa	23,400	7,100	100	
Shelby	97,100	21,000	1,600		Mahaska	81,700	17,200	2,000	
Woodbury	143,400	30,600	1,600		Van Buren	46,800	25,700	1,000	
<u>WC District</u>	<u>1,115,000</u>	<u>231,000</u>	<u>16,500</u>		Wapello	46,700	22,900	800	
Boone	44,300	9,600	400		Washington	51,100	18,600	1,200	
Dallas	42,500	13,300	400		<u>SE District</u>	<u>530,000</u>	<u>201,000</u>	<u>13,500</u>	
Grundy	46,700	9,100	2,100		State	6,850,000	1,735,000	389,000	
Hamilton	30,700	3,800	400						
Hardin	75,400	13,300	900						
Jasper	85,400	25,700	3,200						

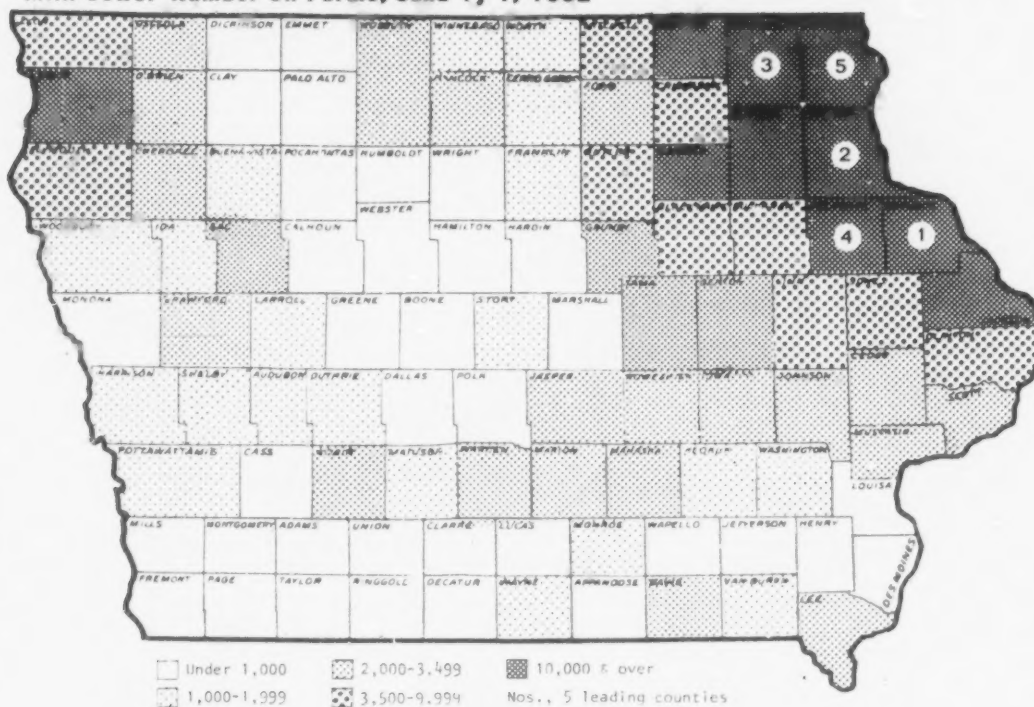
Map of Iowa showing population distribution by county in 1950. The map is divided into counties, each shaded according to its population range. A legend at the bottom indicates three categories: Under 50,000 (white), 50,000-69,999 (dotted), and 70,000-99,999 (cross-hatched). The map also shows major cities and the state's border with Missouri, Illinois, and Wisconsin.

Legend:

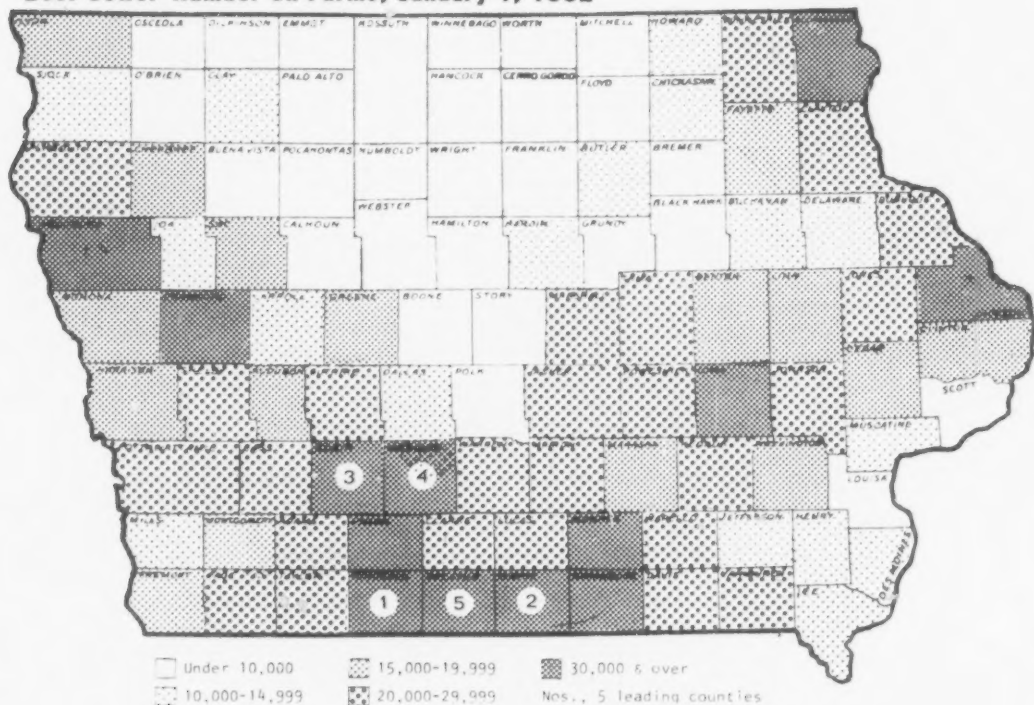
- Under 50,000
- 50,000-69,999
- 70,000-99,999

Nos., 5 leading counties

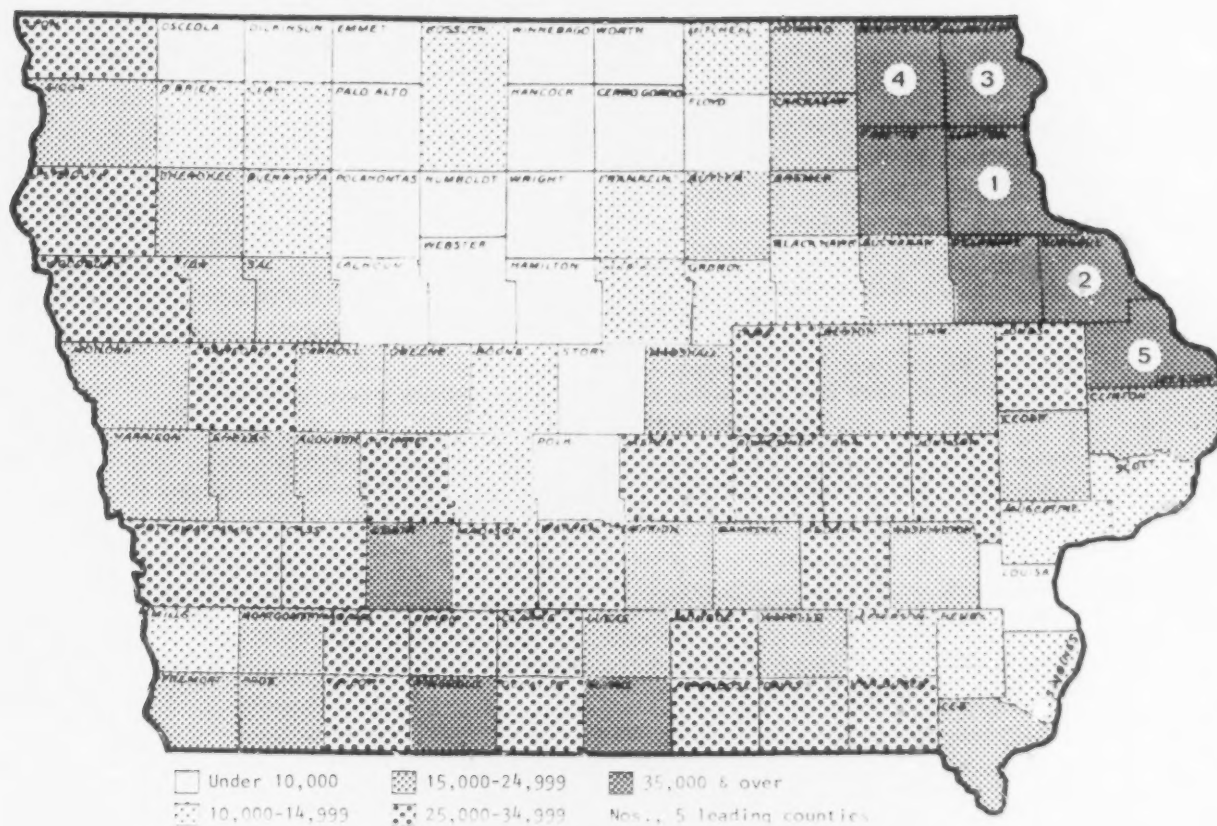
Cows And Heifers That Have Calved **Milk Cows: Number On Farms, January 1, 1982**



Beef Cows: Number On Farms, January 1, 1982



All Cows: Number On Farms, January 1, 1982



Milk Cows: Number On Farms, By Months, 1971, 1977-81

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Average
<i>Thousand head</i>													
1971	484	482	480	478	476	474	472	471	469	468	467	466	474
1977	392	390	387	387	387	385	385	385	383	383	383	380	386
1978	380	379	379	379	377	377	377	376	376	376	374	374	377
1979	374	370	370	372	372	371	371	368	375	376	370	372	372
1980	369	372	373	373	375	375	378	378	379	380	380	378	376
1981 ¹	378	378	376	379	379	381	382	383	384	388	389	389	382

Milk Production: Average Pounds Of Milk Produced Per Milk Cow, By Months, 1971, 1977-81

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total ²
<i>Pounds per cow</i>													
1971	775	735	815	845	935	915	870	810	760	730	700	765	9,656
1977	840	820	890	900	945	935	925	900	840	830	800	825	10,440
1978	835	810	875	890	955	940	935	915	855	840	820	825	10,504
1979	860	830	870	890	955	955	930	905	870	840	815	825	10,538
1980	870	860	920	915	980	965	960	935	890	890	865	880	10,926
1981 ¹	890	875	935	940	995	980	970	955	940	940	900	925	11,245

Milk Production: Total Production, By Months, 1971, 1977-81

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
<i>Million pounds</i>													
1971	375	354	391	404	445	434	411	382	356	342	327	356	4,577
1977	329	320	344	348	366	360	356	347	322	318	306	314	4,030
1978	317	307	332	337	360	354	352	344	321	320	307	309	3,960
1979	322	307	322	331	355	354	345	333	326	316	302	307	3,920
1980	321	320	343	341	368	362	363	353	337	338	329	333	4,108
1981 ¹	336	331	352	356	377	373	371	366	361	365	350	360	4,298

Milk: Production And Disposition, 1971, 1976-80

Year	Production	Milk used on farms where produced			Milk marketed by farmers			
		Fed to calves	Consumed as milk, cream, and butter	Total	Sold to plants and dealers		Sold directly to consumers	Total
					As milk	As cream		
Million pounds								
1971	4,577	90	96	186	4,215	160	16	4,391
1976	3,954	72	64	136	3,780	25	13	3,818
1977	4,030	72	57	129	3,870	19	12	3,901
1978	3,960	78	55	133	3,805	9	13	3,827
1979	3,920	75	45	120	3,800	-	-	3,800
1980 ¹	4,108	59	49	108	4,000	-	-	4,000

Milk: Value And Farm Income, 1971, 1976-80

Year	Milk sold to plants and dealers		Cash receipts from cream sold	Cash receipts from milk sold to consumer	Cash receipts from dairy	Value of milk consumed where produced	Gross farm income from dairy products
	Price per 100 lbs.	Cash receipts					
	Dollars		Thousand dollars				
1971	5.17	217,916	4,296	2,084	224,296	4,867	227,478
1976	9.05	342,090	867	1,996	344,953	5,779	350,732
1977	9.05	350,235	738	2,511	353,484	5,164	358,648
1978	10.10	384,305	378	2,056	386,739	5,561	392,300
1979	11.60	440,800	-	-	440,800	5,220	446,020
1980 ¹	12.60	504,000	-	-	504,000	6,174	510,174

¹Preliminary. ²Average per cow for year.

Butter: Quantity Manufactured, By Months, 1971, 1976-80

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
<i>Million pounds</i>													
1971	8.1	7.9	8.7	8.5	9.6	9.2	7.8	6.8	5.7	6.3	6.5	6.7	91.8
1976	2.9	3.3	3.5	3.4	3.9	4.2	3.6	2.8	2.3	2.5	3.0	4.3	39.7
1977	4.8	4.4	5.0	5.0	5.4	4.6	4.3	4.2	3.0	3.2	2.6	3.3	49.8
1978	4.2	3.8	4.4	3.9	4.2	3.9	2.9	1.9	1.7	1.4	1.3	1.7	35.3
1979	1.9	1.8	2.4	3.1	3.8	2.6	1.5	.8	.8	.8	.8	1.9	22.2
1980 ¹	1.5	1.4	2.3	3.1	3.6	3.1	2.4	1.0	.6	.6	.5	2.0	22.1

¹Preliminary.

American Cheese (Whole Milk): Quantity Manufactured, By Months, 1971, 1976-1980

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
<i>Million pounds</i>													
1971	6.4	5.8	6.9	6.8	7.2	8.0	7.8	7.3	5.9	5.8	5.8	6.9	80.6
1976	8.7	7.2	8.0	9.1	9.4	9.5	8.4	9.3	8.3	7.9	7.9	7.8	101.5
1977	8.4	8.3	9.1	8.8	10.1	9.2	8.6	8.4	6.7	6.3	4.9	6.3	95.1
1978	6.6	6.4	7.3	8.6	9.5	9.6	8.5	7.2	5.6	6.9	7.3	7.8	91.3
1979	9.1	7.8	8.1	8.0	8.8	9.2	8.4	8.1	7.3	7.9	6.8	7.5	97.0
1980 ¹	7.6	7.4	7.9	7.7	9.1	9.0	8.4	7.6	7.5	7.9	7.8	8.6	96.5

¹Preliminary.

Cottage Cheese Curd: Quantity Manufactured, By Months, 1971, 1976-1980

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
<i>Thousand pounds</i>													
1971	679	710	860	856	836	810	887	803	855	883	841	794	9,814
1976	724	738	878	872	790	830	849	835	811	805	813	762	9,707
1977	750	789	942	864	819	823	760	851	775	788	760	735	9,656
1978	731	709	858	778	837	813	955	879	828	831	800	644	9,663
1979	778	695	876	796	810	765	746	726	711	799	729	690	9,121
1980 ¹	845	677	608	717	712	621	726	702	716	684	668	685	8,361

¹Preliminary.

Ice Cream: Quantity Manufactured, By Months, 1971, 1976-1980¹

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
<i>Thousand gallons</i>													
1971	532	576	613	622	571	718	730	692	639	540	551	577	7,361
1976	665	813	993	1,045	950	1,147	1,144	1,125	1,105	845	788	643	11,263
1977	636	713	949	782	908	1,013	972	1,036	864	715	753	733	10,074
1978	612	836	1,067	865	982	1,107	1,093	1,181	965	1,225	834	609	11,376
1979	766	889	1,083	1,061	1,138	1,303	1,434	1,508	1,181	1,261	931	936	13,491
1980 ²	1,048	1,092	1,215	1,101	975	1,149	1,415	1,366	1,135	955	891	922	13,264

¹Includes hard and soft-serve. ²Preliminary.

Ice Milk: Quantity Manufactured, By Months, 1971, 1976-1980¹

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
<i>Thousand gallons</i>													
1971	180	207	310	410	473	586	551	463	346	295	207	224	4,252
1976	142	229	328	332	428	556	405	399	327	191	188	157	3,682
1977	161	215	303	385	503	572	530	489	320	303	191	158	4,130
1978	210	262	413	409	607	662	657	661	463	314	260	209	5,127
1979	287	240	393	416	650	594	667	689	585	395	257	258	5,431
1980 ²	327	364	538	551	613	682	791	718	528	428	284	322	6,146

¹Includes hard, soft-serve, freezer-made milk shake, and substandard frozen dessert. ²Preliminary.

**Non-Fat Dry Milk For Human Food: Quantity Manufactured,
(Spray And Roller Process), By Months, 1971, 1976-1980**

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
<i>Million pounds</i>													
1971	10.7	11.0	11.6	11.9	14.9	15.1	12.5	10.0	7.9	8.6	7.9	8.3	130.4
1976	5.5	6.0	7.1	7.3	9.4	9.8	8.4	6.1	5.3	5.2	5.0	7.1	82.2
1977	8.5	7.8	9.2	9.6	11.0	10.5	9.9	8.7	6.9	6.6	6.5	6.6	101.8
1978	7.2	6.5	7.8	7.5	8.7	9.1	7.7	6.3	5.2	4.1	3.3	4.1	77.5
1979	5.1	5.7	6.5	6.6	8.2	8.5	7.8	5.6	4.0	3.8	3.6	4.8	70.2
1980 ¹	5.1	6.3	7.4	8.4	10.0	9.6	8.6	7.6	5.3	4.3	4.4	5.6	82.6

¹Preliminary.

Dry Whey: Quantity Manufactured, By Months, 1971, 1976-1980

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
<i>Thousand pounds</i>													
1971	2,201	2,084	2,601	2,537	2,812	3,115	2,922	2,801	2,371	2,373	2,456	2,963	31,236
1976	5,429	5,105	6,291	5,034	5,354	5,083	5,174	4,920	4,528	4,635	4,086	4,740	60,379
1977	5,187	4,743	5,581	5,542	5,983	5,259	4,971	4,338	4,507	4,159	3,898	4,859	59,027
1978	4,792	4,696	5,998	6,138	6,237	5,687	5,616	5,290	4,690	4,823	5,217	5,297	64,478
1979	5,598	4,893	5,527	5,660	6,122	5,708	5,048	5,011	3,974	4,348	3,907	3,491	59,287
1980 ¹	4,221	4,350	4,516	4,491	4,822	4,867	4,238	3,901	3,598	3,842	3,593	4,162	50,601

¹Preliminary.

Dairy Products: Imports And Exports,¹ United States, 1971, 1976-1980

Year	Imports				Exports		
	Dried milk	Cheese	Butter	Casein	Dried milk	Cheese	Butter
<i>Metric tons*</i>							
1971	973	61,656	285	48,054	67,045	2,948	41,192
1976	824	94,002	255	50,867	18,782	3,939	199
1977	831	94,984	337	65,429	28,159	4,660	272
1978	1,120	110,998	334	62,204	55,717	4,775	270
1979	989	113,631	357	68,415	33,246	5,405	424
1980	2,218	104,850	258	69,019	79,933	5,715	391

¹Excludes exports for relief and charity. *One metric ton = 2204.6 lbs.

Sheep And Lambs: January 1, 1981-82¹ Inventory

County and district	Inventory		County and district	Inventory	
	1981	1982		1981	1982
	Number of head			Number of head	
Buena Vista	9,200	9,600	Marshall	4,400	5,400
Cherokee	6,700	7,000	Polk	1,800	2,200
Clay	8,500	8,800	Poweshiek	5,400	6,400
Dickinson	3,000	3,200	Story	3,500	4,300
Emmet	1,300	1,400	Tama	5,100	6,200
Lyon	10,400	10,800	Webster	1,900	2,300
O'Brien	5,500	5,800	<i>C District</i>	46,000	55,500
Osceola	3,300	3,500	Benton	4,700	5,100
Palo Alto	4,300	4,500	Cedar	8,000	8,500
Plymouth	3,900	4,100	Clinton	2,100	2,300
Pocahontas	4,600	4,800	Iowa	6,200	6,700
Sioux	3,300	3,500	Jackson	2,200	2,400
<i>NW District</i>	64,000	67,000	Johnson	11,300	12,000
Butler	1,800	2,200	Jones	3,700	4,000
Cerro Gordo	2,200	2,700	Linn	3,300	3,600
Floyd	2,500	3,100	Muscatine	2,000	2,200
Franklin	7,700	9,100	Scott	1,500	1,700
Hancock	4,500	5,400	<i>EC District</i>	45,000	48,500
Humboldt	3,100	3,800	Adair	6,300	7,400
Kossuth	3,900	4,800	Adams	1,400	1,700
Mitchell	3,000	3,700	Cass	7,200	8,400
Winnebago	2,400	3,000	Fremont	1,200	1,500
Worth	4,600	5,400	Mills	1,200	1,500
Wright	2,300	2,800	Montgomery	2,600	3,200
<i>NC District</i>	38,000	46,000	Page	1,500	1,800
Allamakee	1,900	2,300	Pottawattamie	3,200	3,900
Black Hawk	3,300	3,900	Taylor	3,400	4,100
Bremor	3,200	3,900	<i>SW District</i>	28,000	33,500
Buchanan	1,900	2,300	Appanoose	9,200	9,200
Chickasaw	1,600	2,000	Clarke	2,000	2,000
Clayton	2,700	3,300	Decatur	3,300	3,300
Delaware	1,600	2,000	Lucas	6,100	6,100
Dubuque	2,000	2,500	Madison	4,500	4,500
Fayette	2,900	3,600	Marion	6,100	6,100
Howard	4,500	5,300	Monroe	5,400	5,400
Winneshiek	5,400	6,400	Ringgold	2,900	2,900
<i>NE District</i>	31,000	37,500	Union	2,100	2,100
Audubon	7,600	8,300	Warren	1,800	1,800
Calhoun	6,700	7,400	Wayne	3,600	3,600
Carroll	1,200	1,400	<i>SC District</i>	47,000	47,000
Crawford	6,500	7,400	Davis	25,600	27,000
Greene	6,500	7,400	Des Moines	1,800	2,000
Guthrie	4,100	4,700	Henry	6,500	6,900
Harrison	2,000	2,300	Jefferson	4,300	4,600
Ida	3,700	4,200	Keokuk	9,900	10,200
Monona	1,600	1,900	Lee	6,100	6,500
Sac	6,500	7,400	Louisa	1,300	1,400
Shelby	3,600	4,100	Mahaska	4,200	4,500
Woodbury	10,000	11,000	Van Buren	6,900	7,300
<i>WC District</i>	60,000	67,500	Wapello	4,600	4,900
Boone	4,400	5,400	Washington	6,800	7,200
Dallas	1,600	2,000	<i>SE District</i>	78,000	82,500
Grundy	6,900	8,100	State	437,000	485,000
Hamilton	2,800	3,400			
Hardin	3,000	3,700			
Jasper	5,200	6,100			

¹1982 Preliminary.

Map of Iowa showing population distribution by county in 1950. The map is divided into counties, each shaded according to its population size. A legend at the bottom indicates four population ranges: Under 2,499 (white), 2,500-4,999 (light stippled), 5,000-6,999 (medium stippled), and 10,000 and over (dark stippled). Five counties are highlighted with numbers 1 through 5, representing the most populous counties. County names are labeled throughout the map.

Population Range	Shading Pattern
Under 2,499	White
2,500-4,999	Light stippled
5,000-6,999	Medium stippled
10,000 and over	Dark stippled

Nos., 5 leading counties

Sheep And Lambs: Number On Farms And Value, Iowa, January 1, 1972, 1978-1982

Year	All sheep and lambs		Stock sheep					
	Number on farms	Total value	Number on feed	Total	Ewe lambs	Wethers & ram lambs	Ewes 1 year+	Wethers & rams 1 year+
	Thou. head	Thou. dol.			Thousand head			
1972	735	15,068	179	556	76	5	456	19
1978	370	15,355	70	300	39	10	240	11
1979	380	26,030	60	320	64	21	220	15
1980	408	29,172	68	340	60	19	250	11
1981	437	29,935	77	360	65	22	260	13
1982	485	25,705	85	400	80	24	283	13

Sheep And Lambs On Feed: Number On Farms, November 1, Placements, 1971, 1977-1982

Feeding season	Placed on feed before Sep. 1	Placed on feed during Sep. & Oct.	Number of sheep on feed November 1					Total
			Under 70 lbs.	70-79 lbs.	80-89 lbs.	90-99 lbs.	100+ lbs.	
			Thousand head					
1971-72	46	120	17	46	45	43	15	166
1977-78	32	48	14	15	23	21	7	80
1978-79	33	44	10	18	23	17	9	77
1979-80	37	43	12	18	19	23	8	80
1980-81	34	50	13	16	18	21	16	84
1981-82	45	60	12	23	27	25	18	105

Sheep And Lambs On Feed: Number On Farms, January 1, Placements And Marketings, Iowa, 1971, 1977-1982

Feeding season	Placed on feed during Nov. & Dec.	Marketed during Nov. & Dec.	Number of sheep on feed January 1					Total
			Under 70 lbs.	70-79 lbs.	80-89 lbs.	90-99 lbs.	100+ lbs.	
			Thousand head					
1971-72	125	112	9	30	61	59	20	179
1977-78	40	50	6	13	15	22	14	70
1978-79	28	45	5	10	16	15	14	60
1979-80	35	47	4	7	20	21	16	68
1980-81	40	47	7	10	12	24	24	77
1981-82	45	65	7	16	19	22	21	85

Sheep And Lambs On Feed: Number On Farms, March 1, Placements And Marketings, Iowa, 1971, 1977-1982

Feeding season	Placed on feed during Jan. & Feb.	Marketed during Jan. & Feb.	Number of sheep on feed March 1					Total
			Under 70 lbs.	70-79 lbs.	80-89 lbs.	90-99 lbs.	100+ lbs.	
			Thousand head					
1971-72	60	130	11	13	33	37	15	109
1977-78	53	47	36	6	9	17	8	76
1978-79	35	33	22	6	8	11	15	62
1979-80	44	40	27	5	7	13	20	72
1980-81	40	48	34	5	7	9	14	69
1981-82	50	50	35	5	11	16	18	85

Sheep And Lambs: Inventory, Supply, And Disposition, Iowa, 1971, 1977-1981

Year	Inventory January 1	Lamb crop	Inshipments	Marketings		Farm slaughter	Sheep and lamb deaths
				Sheep	Lambs		
	Thousand head						
1971	765	506	339	59	660	2	154
1977	188	292	98	32	297	4	75
1978	370	259	68	30	210	2	75
1979	380	273	59	24	198	2	80
1980	408	300	119	37	276	2	75
1981	437	315	87	28	244	2	80

Sheep And Lamb Slaughter: Number Slaughtered, By Months, 1971, 1977-1981

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
<i>Thousand head</i>													
1971	40.0	36.5	38.0	34.5	33.0	37.0	41.0	42.5	46.5	43.0	42.5	45.0	479.5
1977	20.8	24.7	33.5	23.2	22.7	27.1	26.2	31.5	25.4	25.5	22.7	23.6	306.8
1978	18.1	17.5	20.3	12.5	16.6	19.7	20.0	21.9	23.5	24.3	23.7	25.3	243.6
1979	18.5	16.4	20.9	21.9	17.1	18.8	19.0	25.1	.2	.2	.2	.1	158.5
1980	.1	.1	.1	.1	.1	.1	.2	.3	.2	.3	.1	.2	1.7
1981	.1	.1	.1	.1	.1	.1	2.2	9.5	14.7	18.4	20.6	24.1	90.1

Wool: Production And Income, Iowa, 1971, 1977-1981

Year	Sheep shorn	Weight per fleece	Production	Price per pound	Value
<i>Thousand head Pounds Thousand pounds Cents Thousand dollars</i>					
1971	703	7.5	5,292	.21	1,111
1977	433	7.3	3,181	.68	2,163
1978	412	7.1	2,909	.69	2,007
1979	453	7.3	3,328	.74	2,463
1980	475	7.2	3,427	.70	2,399
1981	495	7.2	3,569	.71	2,534

Sheep And Lambs: Production And Income, Iowa, 1971, 1977-1981

Year	Production	Marketings	Average price per 100 pounds		Value of production	Cash receipts	Value of home consumption	Gross Income
			Sheep	Lambs				
	Thousand pounds		Dollars			Thousand dollars		
1971	45,132	74,973	5.60	25.90	11,534	17,980	72	18,052
1977	26,332	35,365	10.10	52.00	13,217	16,741	386	17,127
1978	21,597	25,946	17.30	60.30	12,334	14,059	219	14,278
1979	23,317	23,433	22.90	65.30	12,509	14,050	323	14,373
1980	28,305	33,296	27.20	62.80	15,506	19,263	311	19,574
1981	27,888	28,273	23.90	53.30	12,873	14,057	259	14,316

1981 Poultry Summary

Iowa

Chicken inventories in the state showed an increase to 10.8 million birds on hand December 1, 1981, 3 percent above the previous year.

The number of layers on hand on December 1, 1981, was 8.30 million, 5 percent above the 1980 level. The average number of layers on hand during the year showed a 5 percent increase to 7.992 million birds. Production per bird at 240 eggs was up 3 percent from 1980. Total egg production in 1981 was 1.92 billion eggs, 8 percent above the previous year. Gross income from eggs rose to \$85.280 million, 22 percent above 1980. The eggs produced brought an average of 53.3 cents per dozen, 6.3 cents above the average of 47.0 cents received in 1980.

Iowa hatcheries produced an estimated 24.453 million egg-type chicks during 1981, up 36 percent from the 17.996 million hatched during 1980. On January 1, 1981, there were 25 hatcheries in operation in Iowa as compared to 34 in 1979.

Turkey producers in Iowa raised 7.090 million turkeys in 1981, up 7 percent from the

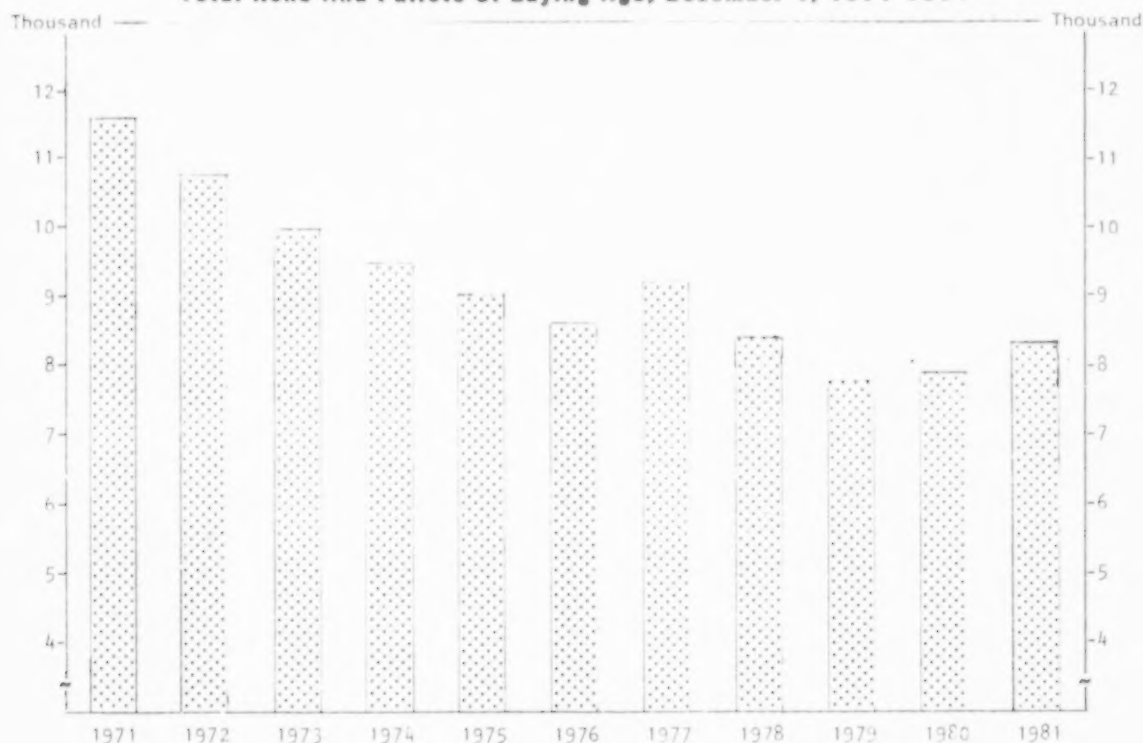
1980 production. The average price received for this production fell 4.0 cents to 36.0 cents per pound. The gross income totaled \$57,174 million; this was 3 percent below the \$59,095 in 1980.

United States

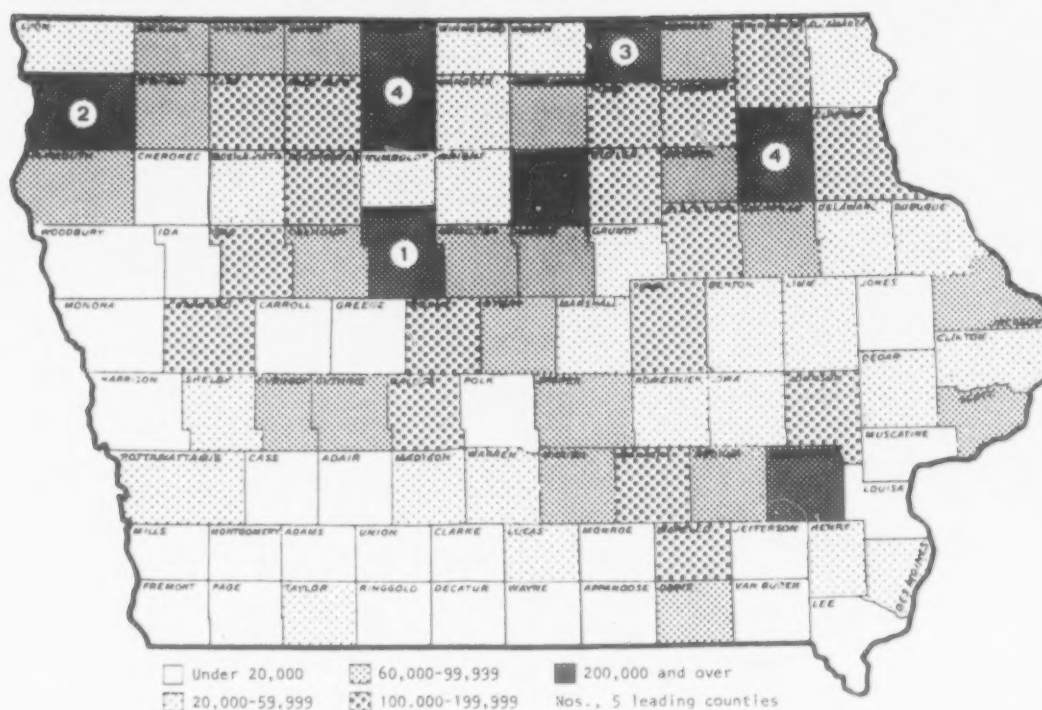
U.S. poultrymen received a total gross income of \$9.74 billion from the sale of eggs, chickens, broilers, and turkeys. Of the 1981 gross income, \$3.66 billion was from eggs, up 12 percent from 1980; broiler income at \$4.7 billion was up 9 percent from a year earlier; gross income from other chickens raised (excluding commercial broilers) totaled \$137 million compared with \$133 million during 1980; and income from turkeys was \$1.25 billion compared to \$1.27 billion in 1980.

Average prices to producers for 1981 and 1980, respectively, were as follows: Eggs, 63.1 and 56.3 cents per dozen; broilers, 28.5 and 27.7 cents per pound, live weight; other chickens, 11.1 and 11.0 cents per pound, live weight; and turkeys 38.2 and 41.3 cents per pound (live weight equivalent).

Total Hens And Pullets Of Laying Age, December 1, 1971-1981



Layers: Number On Farms, December 1, 1980



Chickens: Number On Farms December 1, Rate Of Lay And Egg Production, 1971, 1977-1981

Year	Chickens on farms, December 1			Average number of layers during year	Annual rate of lay per hen	Total egg production
	All chickens ¹	Value	Hens and pullets of laying age			
	Thousand head	Thousand dollars	---- Thousand head ---		Number of eggs	Million eggs
1971	13,419	16,774	10,735	10,690	225	2,406
1977	11,070	17,712	8,150	8,429	238	2,004
1978	10,700	17,655	8,400	8,152	235	1,914
1979	9,600	14,400	7,700	7,921	233	1,849
1980	10,500	17,850	7,900	7,624	234	1,784
1981	10,800	18,360	8,300	7,992	240	1,920

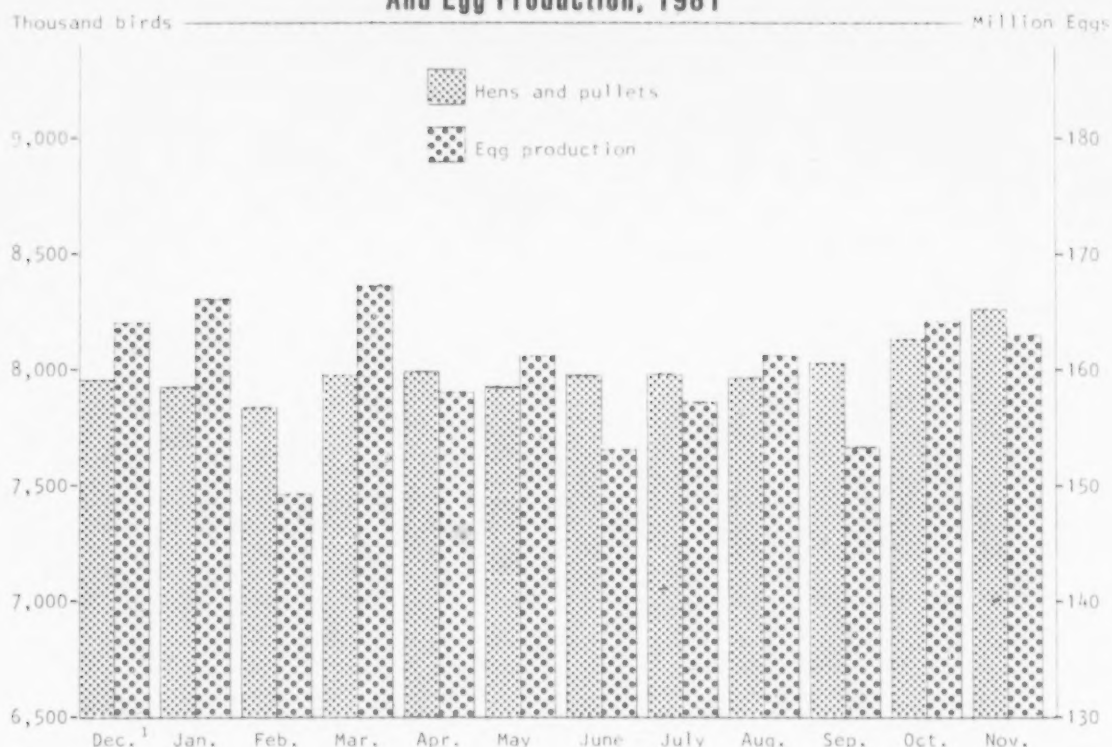
¹Excluding commercial broilers.

Chickens: Inventory, Supply, And Disposition, Iowa, 1971, 1977-1981

Year	All chickens on farms December 1 ^{1,2}	Death loss	Raised	Home consumption	Sold	All Chickens on farms December 1
			Thousand birds			
1971	14,111	1,616	9,879	832	8,123	13,419
1977	12,080	1,180	8,800	330	8,300	11,070
1978	11,070	900	7,800	400	6,870	10,700
1979	10,700	920	7,510	390	7,300	9,600
1980	9,600	930	9,200	370	7,000	10,500
1981	10,500	980	8,400	370	6,750	10,800

¹Excluding commercial broilers. ²Previous year.

Average Number Of Hens And Pullets Of Laying Age And Egg Production, 1981



¹Previous year.

Chickens: Average Number Of Hens And Pullets Of Laying Age, On Farms, By Months, 1971, 1977-81

Year	Dec. ¹	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Avg.
<i>Thousand birds</i>													
1971	11,586	11,606	11,438	11,042	10,663	10,431	10,170	10,015	10,015	10,165	10,470	10,680	10,690
1977	9,125	8,850	8,425	8,225	8,350	8,400	8,300	8,050	8,250	8,550	8,400	8,225	8,429
1978	8,275	8,400	8,325	8,150	8,025	8,125	8,075	7,950	8,100	8,100	8,050	8,250	8,152
1979	8,300	8,250	8,300	8,195	8,020	7,855	7,705	7,625	7,600	7,700	7,775	7,725	7,921
1980	7,763	7,778	7,583	7,398	7,415	7,365	7,293	7,358	7,610	7,890	8,025	8,000	7,624
1981	7,955	7,915	7,850	7,966	7,981	7,913	7,964	7,982	7,975	8,025	8,126	8,251	7,992

¹December preceding year.

Eggs: Number Laid Per 100 Layers, By Months, 1971, 1977-81

Year	Number of eggs											
	Dec. ¹	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.
1971	1,854	1,885	1,722	1,969	1,962	2,055	1,950	1,944	1,894	1,752	1,783	1,749
1977	1,953	1,972	1,828	2,049	1,980	2,034	1,920	2,003	2,068	1,950	2,034	1,977
1978	1,978	1,993	1,831	2,040	1,977	1,978	1,842	1,959	2,000	1,908	1,984	1,974
1979	2,055	2,034	1,820	2,009	1,920	1,953	1,920	2,000	1,947	1,839	1,922	1,905
1980	1,958	1,993	1,899	2,014	1,942	2,010	1,920	1,943	1,945	1,926	1,956	1,900
1981	2,062	2,097	1,898	2,096	1,980	2,035	1,921	1,967	2,019	1,956	2,018	1,976

¹December preceding year.

Chickens: Production And Income, 1971, 1977-1981

Year	Pounds produced	Sold	Home consumption	Price per pound	Value of production	Cash receipts	Value of home consumption	Gross income
	----- Thousand pounds -----			Cents	----- Thousand -----	----- Thousand -----	dollars -----	
1971	31,514	30,867	3,494	5.0	1,576	1,543	175	1,718
1977	24,867	29,050	1,353	9.2	2,288	2,673	124	2,797
1978	25,313	24,045	1,640	8.3	2,101	1,996	136	2,132
1979	23,228	25,550	1,599	11.4	2,648	2,913	182	3,095
1980	28,481	24,500	1,517	8.4	2,392	2,058	127	2,185
1981	26,615	23,625	1,517	8.4	2,236	1,985	127	2,112

Broilers: Commercial Production And Income, Iowa, 1971, 1977-1981

Year	Number produced	Weight per bird	Total lbs. produced	Price per pound	Gross income
	Thousand	Pounds	Thousand pounds	Cents	Thousand dollars
1971	2,439	7.5	18,293	26.0	4,756
1977	3,494	9.0	31,446	30.5	9,591
1978	3,425	6.5	22,263	44.0	9,796
1979	3,000	5.0	15,000	39.0	5,850
1980	3,000	5.0	15,000	40.0	6,000
1981	3,100	4.5	13,950	40.0	5,580

Eggs: Production, Disposition, And Income, Iowa, 1971, 1977-1981

Year	Eggs produced	Home consumption	Sold	Price per dozen	Cash receipts	Value of home consumption	Gross income
	----- Million eggs -----			Cents	----- Thousand -----	----- Thousand -----	
1971	2,406	47	2,359	23.8	46,787	932	47,719
1977	2,004	26	1,978	42.2	69,560	914	70,474
1978	1,914	23	1,891	38.8	61,142	744	61,886
1979	1,849	19	1,830	44.0	67,100	697	67,797
1980	1,784	19	1,765	47.0	69,129	744	69,873
1981	1,920	19	1,901	53.3	84,436	844	85,280

Eggs: Number Produced, By Months, 1971, 1977-1981

Year	Dec. ¹	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Total
	----- Million eggs -----												
1971	215	219	197	217	209	214	198	195	190	178	187	187	2,406
1977	178	175	154	169	165	171	159	161	171	167	171	163	2,004
1978	164	167	152	166	159	161	149	156	162	155	160	163	1,914
1979	171	168	151	165	154	153	148	153	148	142	149	147	1,849
1980	152	155	144	149	144	148	140	143	148	152	157	152	1,784
1981	164	166	149	167	158	161	153	157	161	157	164	163	1,920

¹Previous year.

Number Of Hens And Pullets Of Laying Age On Farms, December 1, 1980-1981

County and district	Layers		County and district	Layers	
	1980	1981		1980	1981
----- Thousand -----			----- Thousand -----		
Buena Vista	59.0	Not available	Marshall	50.0	Not available
Cherokee	14.5		Polk	9.0	
Clay	175.0		Poweshiek	51.0	
Dickinson	98.0		Story	94.0	
Emmet	80.0		Tama	115.0	
Lyon	50.5	Not available	Webster	820.0	Not available
O'Brien	63.0		<u>C District</u>	1,725.0	
Osceola	67.0		Benton	36.5	
Palo Alto	105.0		Cedar	31.0	
Plymouth	93.0		Clinton	51.0	
Pocahontas	160.0		Iowa	29.0	
Sioux	485.0		Jackson	67.0	
<u>SW District</u>	1,450.0		Johnson	125.0	
Butler	185.0		Jones	15.5	
Cerro Gordo	66.0		Linn	52.0	
Floyd	103.0	Not available	Muscatine	13.0	
Franklin	235.0		Scott	90.0	
Hancock	43.0		<u>EC District</u>	510.0	
Humboldt	40.0		Adair	12.0	
Kossuth	245.0		Adams	5.5	
Mitchell	380.0		Cass	7.7	
Winnebago	36.0		Fremont	2.1	
North	29.0		Mills	3.2	
Wright	48.0		Montgomery	7.3	
<u>NC District</u>	1,410.0		Page	8.7	
Allamakee	41.0	Not available	Pottawattamie	41.0	
Black Hawk	103.0		Taylor	32.5	
Bremer	66.0		<u>SE District</u>	120.0	
Buchanan	81.0		Appanoose	2.6	
Chickasaw	105.0		Clarke	5.0	
Clayton	112.0		Decatur	2.8	
Delaware	51.0		Lucas	25.0	
Dubuque	56.0		Madison	26.0	
Fayette	245.0		Marion	93.0	
Howard	85.0		Monroe	15.5	
Winneshiek	155.0		Ringgold	17.5	
<u>NE District</u>	1,100.0		Union	2.6	
Audubon	75.0	Not available	Warren	55.0	
Calhoun	74.0		Wayne	15.0	
Carroll	18.0		<u>SC District</u>	260.0	
Crawford	100.0		Davis	66.0	
Greene	6.8		Des Moines	35.0	
Guthrie	93.0		Henry	25.0	
Harrison	7.3		Jefferson	8.0	
Ida	13.0		Keokuk	75.0	
Monona	8.9		Lee	14.0	
Sac	115.0		Louisa	3.5	
Shelby	29.0	Not available	Mahaska	195.0	
Woodbury	10.0		Van Buren	8.5	
<u>WC District</u>	550.0		Wapello	135.0	
Boone	190.0		Washington	210.0	
Dallas	145.0		<u>SE District</u>	775.0	
Grundy	33.0		State	7,900.0	
Hamilton	97.0				
Hardin	60.0				
Jasper	61.0				

Chickens: Egg Type Chicks Hatched, By Months, Iowa, 1971, 1977-1981

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
<i>Thousand birds</i>													
1971	1,800	1,780	2,100	3,500	3,030	2,070	1,940	1,250	1,050	1,200	1,400	1,500	22,620
1977	1,705	1,763	2,102	2,583	1,620	1,640	1,440	1,806	1,742	1,588	1,705	1,439	21,133
1978	1,245	1,448	1,637	2,121	2,460	2,211	1,095	1,552	1,730	1,208	1,603	1,173	19,483
1979	1,667	1,171	1,593	2,022	1,893	2,027	1,833	1,815	1,417	1,380	1,564	1,638	20,020
1980	1,106	1,339	1,488	1,824	2,040	1,841	1,297	1,261	1,400	1,438	1,381	1,581	17,996
1981	1,657	1,727	2,143	2,556	2,502	2,373	2,245	1,913	1,931	1,862	1,808	1,736	24,453

Chickens: Broiler-Type Chicks Hatched, By Months, U.S., 1971, 1977-1981

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
<i>Million</i>													
1971	264	239	280	282	290	280	269	268	240	239	250	267	3,168
1977	294	272	323	325	338	320	311	295	280	291	282	306	3,637
1978	313	290	332	338	361	346	338	318	296	309	307	331	3,879
1979	341	314	369	375	392	381	366	360	321	322	308	349	4,198
1980	362	348	383	374	383	370	362	334	330	344	331	359	4,280
1981	370	344	399	390	403	383	374	365	350	342	332	365	4,417

Turkeys: Poults Hatched, By Months, By Region, 1981, And United States, 1980-1981

Month	United States			North Atlantic	East North Central	West North Central	South Atlantic	South Central	West
	1980	1981	1981 as percent of 1980						
	----- Thousand -----			----- Thousand -----					
Jan.	15,806	15,621	99	153	1,790	4,927	3,968	1,705	3,078
Feb.	16,663	16,526	99	177	1,936	5,702	3,872	1,806	3,033
Mar.	20,454	19,906	97	497	2,434	6,565	4,311	1,910	4,189
Apr.	21,176	20,578	97	565	2,353	7,352	4,335	1,950	4,023
May	21,256	22,229	105	579	2,691	8,279	4,562	1,963	4,155
June	20,328	21,456	106	519	2,786	7,751	4,397	2,008	3,995
July	18,744	18,654	100	313	2,340	6,019	4,295	1,835	3,852
Aug.	12,175	12,681	104	97	1,599	3,389	3,968	1,118	2,510
Sep.	8,931	8,208	92	31	1,395	1,807	3,000	743	1,232
Oct.	10,046	9,562	95	78	1,537	2,459	3,539	769	1,180
Nov.	10,259	9,898	96	100	1,485	2,740	3,155	1,212	1,206
Dec.	12,828	12,015	94	126	1,538	3,330	3,408	1,520	2,093
Total	188,666	187,334	99	3,235	23,884	60,320	46,810	18,539	34,546

Turkeys: Production, Value, And Breeder Hen Inventory. Iowa, January 1, 1972, 1978-1982

Year	Number raised during year ¹			Total weight	Price per pound	Value of production	Breeder hens on farms December 1
	Heavy breeds	Light breeds	All breeds				
	----- Thousand -----				Cents	Thousand dollars	Thousand
1972	7,076	80	7,156	148,129	22.2	32,885	140
1978	6,214	45	6,259	134,569	43.8	58,941	98
1979	6,113	47	6,160	133,056	41.0	54,553	76
1980	6,535	90	6,625	147,738	40.0	59,095	88
1981	- ²	- ²	7,090	158,816	36.0	57,174	109
1982 ¹	- ²	- ²	6,715				

¹Intentions. ²Breakdown by breed combined to avoid disclosing individual operations.

Turkeys: Production, Value, Breeder Hen Inventory, U.S., January 1, 1972, 1978-1982

Year	Number raised during year ¹			Total weight ²	Price per pound	Value of production	Breeder hens on farms December 1 ³
	Heavy breeds	Light breeds	All breeds				
	----- Million -----			Million pounds	Cents	Thousand dollars	Thousand
1972	113.6	15.0	128.7	2,423	22.2	536,945	3,135
1978	130.9	8.0	138.9	2,653	43.6	1,156,556	3,370
1979	145.2	11.3	156.5	2,958	41.4	1,225,766	3,705
1980	150.0	14.7	164.7	3,069	41.3	1,268,301	3,749
1981	159.1	11.6	170.7	3,260	38.2	1,246,313	3,415
1982 ⁴	149.8	9.0	158.9	-	-	-	-

¹Does not include young turkeys lost. ²Includes home consumption. ³Total for the 27 major turkey producing states. ⁴Intentions for 20 major states.

Bees And Honey: Number Of Colonies, Production, Stocks, And Prices, Iowa And U.S., 1971, 1977-1981

Year	Colonies of bees	Honey production		Beeswax production	Honey stocks for sale end of year	Price per pound	
		Per colony	Total			All honey	Beeswax
	Thousand	Pounds	-----	Thousand pounds	-----	---- Cents ----	
IOWA							
1971	99	91	9,009	162	1,802	20.5	60
1977	82	74	6,068	97	1,699	51.2	150
1978	86	53	4,558	86	729	50.9	169
1979	83	80	6,640	126	1,262	56.4	164
1980	85	74	6,290	113	1,761	60.0	185
1981	88	39	3,432	89	652	58.4	195
UNITED STATES							
1971	4,107	48.2	197,826	3,597	32,262	21.8	61
1977	4,346	41.1	178,499	3,095	30,111	53.0	158
1978	4,081	56.5	230,483	3,933	31,864	54.5	174
1979	4,163	57.3	238,690	3,788	37,997	59.3	175
1980	4,141	48.2	199,756	3,905	40,518	61.5	183
1981	4,213	44.1	185,927	3,712	48,623	63.2	191

**Farms With Livestock And Poultry: Farms With Production And Percent¹ Of All Farms,
By District, 1980, Iowa, 1975-1980**

Year	Farms marketing slaughter hogs		Farms farrowing sows				Farms marketing grain fed sheep and lambs	
			In spring previous year		In fall previous year			
	Number	Pct.	Number	Pct.	Number	Pct.	Number	Pct.
1975	63,000	48	52,000	40	44,400	34	6,900	5.3
1976	54,000	43	43,000	34	40,000	31	6,100	4.8
1977	55,000	44	45,000	36	43,000	34	5,500	4.4
1978	50,000	41	41,000	33	39,000	32	5,800	4.7
1979	50,000	41	41,000	34	40,000	33	5,700	4.7

1980 - Districts

	Number	Pct.	Number	Pct.	Number	Pct.	Number	Pct.
NW	6,800	48	5,300	37	4,900	34	600	4.2
NC	5,200	41	4,000	31	3,700	29	600	4.7
NE	7,800	47	6,700	40	6,400	38	600	3.6
WC	6,700	46	5,300	36	5,000	34	600	4.1
C	5,200	34	4,000	26	3,800	25	700	4.5
EC	6,400	48	5,300	40	5,200	39	800	6.0
SW	4,100	45	3,200	35	3,000	33	400	4.4
SC	3,300	30	3,100	28	3,000	28	500	4.6
SE	4,500	37	4,100	34	4,000	33	700	5.7
State	50,000	42	41,000	34	39,000	33	5,500	4.6

Year	Farms marketing grain fed cattle		Farms with milk cows		Farms with beef cows		Farms with hens and pullets of laying age	
	Number	Pct.	Number	Pct.	Number	Pct.	Number	Pct.
1975	33,000	25	19,000	15	53,000	41	19,000	15
1976	33,000	26	19,000	15	47,000	37	17,000	13
1977	33,000	26	17,500	14	47,000	38	15,000	12
1978	33,000	27	17,000	14	43,000	35	13,000	11
1979	33,000	27	15,000	12	42,000	35	11,000	9

1980 - Districts

	Number	Pct.	Number	Pct.	Number	Pct.	Number	Pct.
NW	5,200	36	1,300	9	3,100	22	1,000	7
NC	2,800	22	1,100	9	2,000	16	900	7
NE	4,200	25	6,100	37	4,900	29	1,700	10
WC	5,000	34	700	5	5,400	37	1,300	9
C	3,600	23	600	4	4,200	27	1,100	7
EC	4,300	32	1,700	13	5,000	37	1,300	10
SW	2,800	31	700	8	4,500	49	1,000	11
SC	1,600	15	900	8	6,100	56	900	8
SE	2,500	20	900	7	4,800	39	1,000	8
State	32,000	27	14,000	12	40,000	34	10,500	9

¹Percent computed on the number of all farms January 1 of the following year.

Per Capita Consumption Of Red Meat In The United States, 1971, 1975-1981

Year	Beef	Veal	Lamb and mutton	Pork	All meats	Lard
			Pounds			
1971	112.7	2.7	3.1	78.7	197.2	4.2
1975	118.8	4.1	2.0	55.4	180.3	2.9
1976	127.6	4.0	1.8	58.7	192.1	2.6
1977	123.8	3.9	1.7	61.5	190.9	2.2
1978	117.8	3.0	1.6	60.3	182.7	2.1
1979	105.5	2.1	1.6	68.7	177.9	2.4
1980	103.3	2.0	1.6	73.5	180.4	2.4
1981 ¹	104.4	2.0	1.6	69.9	177.9	²

¹Preliminary. ²Not available.

Meat Imports: United States, By Countries, 1976-1980

Product and year	Imports, by country of origin, product weight						Total imports	
	Canada	Argentina	Denmark	Australia	New Zealand	All other	Product weight	Carcass wt. equiv.
<i>Million pounds</i>								
Beef and veal								
1976	84.4	95.0	3.0	675.5	270.9	223.2	1,482.1	2,095
1977	76.7	80.3	2.2	646.3	272.2	200.8	1,396.9	1,963
1978	63.3	106.7	1.8	811.8	339.3	227.7	1,655.4	2,321
1979	77.8	113.5	2.3	876.8	356.2	265.9	1,737.1	2,431
1980 ¹	94.4	73.8	3.2	801.8	329.3	184.1	1,549.4	2,085
Lamb and mutton								
1976	— ³	—	—	7.3	27.2	0.7	35.2	36
1977	— ³	—	—	3.8	17.1	0.9	21.8	21
1978	— ³	—	—	8.4	29.6	0.5	38.5	39
1979	.1	—	—	12.4	30.7	0.3	43.5	44
1980 ¹	.1	—	—	5.0	28.9	0.1	34.1	33
Pork								
1976	28.8	—	87.2	—	—	62.7	317.5	469
1977	30.6	—	91.0	0.2	—	66.6	298.4	439
1978	65.8	—	91.0	0.3	—	82.3	346.8	495
1979	106.4	—	75.5	0.2	0.1	74.3	361.1	499
1980 ¹	200.9	—	71.8	0.4	—	56.9	433.4	550
Total ²								
1976	113.8	95.0	98.0	683.2	298.1	289.0	1,848.2	2,600
1977	108.4	80.4	100.4	650.3	289.2	270.6	1,728.4	2,424
1978	130.9	106.7	100.4	820.9	368.9	312.9	2,054.1	2,856
1979	186.4	113.6	88.3	889.6	387.1	342.4	2,158.2	2,974
1980 ¹	297.2	73.9	87.9	807.1	358.2	243.3	2,035.0	2,664

¹Preliminary. ²Includes quantities of other canned, prepared, or preserved meat n.e.s. ³Less than 50,000 pounds.

Meat Exports: U.S. Exports And Shipments, By Countries, 1976-1980

Product and year	Exports, by destination, product weight					Shipments to territories ¹	Total exports and shipments	
	Canada	Bahamas	Japan	All other	Total		Product weight	Carcass wt. equiv.
Million pounds								
Beef and veal								
1976	19.0	5.2	34.3	18.1	80.6	62.9	143.5	170
1977	9.2	5.8	44.5	21.4	91.5	59.7	151.2	181
1978	8.9	6.1	74.6	25.5	121.3	50.6	171.9	221
1979	8.8	6.1	77.7	31.3	126.6	41.0	167.6	222
1980 ²	10.9	7.2	75.5	32.0	131.2	34.5	165.7	223
Lamb and mutton								
1976	1.2	0.7	— ⁴	0.8	3.1	1.7	4.8	7
1977	1.4	0.6	— ⁴	1.4	3.9	1.0	4.8	6
1978	0.8	0.4	— ⁴	1.7	3.0	0.5	3.5	4
1979	0.2	0.2	— ⁴	0.5	1.2	1.7	2.9	3
1980 ²	0.1	0.3	— ⁴	0.6	1.3	3.0	4.3	4
Pork								
1976	160.1	4.5	118.1	13.4	303.1	87.6	390.7	421
1977	170.6	5.1	54.2	18.6	275.9	85.4	361.4	399
1978	94.5	4.9	53.2	36.8	220.8	103.7	324.5	421
1979	55.7	5.4	70.8	46.2	214.7	115.9	330.6	448
1980 ²	33.3	5.4	61.1	46.5	185.7	124.9	310.6	417
Total ³								
1976	187.5	12.8	154.5	41.9	409.3	199.2	608.5	598
1977	189.1	13.3	101.3	52.4	396.9	195.0	591.9	586
1978	107.6	12.6	132.9	72.9	368.2	179.5	547.7	646
1979	65.7	13.1	152.0	86.0	359.4	176.1	535.4	673
1980 ²	47.1	14.0	138.3	90.8	341.8	177.5	519.3	642

¹Puerto Rico, Virgin Islands, Guam, and Wake. ²Preliminary. ³Including sausage, bologna, and frankfurters, canned and not canned. Sausage ingredients, meat and meat products n.e.s. ⁴Less than 50,000 pounds.

FARM RECEIPTS and PRICES



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Iowa Farm Receipts And Prices

Index - Prices Received

The Iowa Index of Prices Received for All Farm Products for 1981 averaged 249 (1967=100), virtually unchanged from 1980. The index started at 256 in January and ended at 220 in December; the high for the year was 264 in June, the low 220 in December.

The All Crop Index averaged 257 (1967=100), 7 percent above the 240 in 1980. The index began the year at 282 and ended at 215; the high for the year was 288 in April.

The Livestock and Livestock Products Index averaged 246 (1967=100), 1 percent below the 1980 index. Lower livestock prices (except for hogs) contributed most to the decrease.

Cash Receipts

Iowa farmers ranked second in total cash receipts, excluding government payments, in 1981; the state was number one in livestock and product receipts and number three in crop receipts. Iowa farmers earned \$10.44 billion in 1981, up 4 percent from \$10.04 in 1980. Livestock and products contributed 54 percent and crops 46 percent of total receipts in 1981.

Livestock and Product Receipts and Prices

Livestock and product receipts at \$5.66 billion was 3 percent more than the \$5.49 billion in 1980. Iowa farmers received \$2.50 billion from cattle and calves marketed in 1981, down 4 percent from 1980 and \$2.47 billion from hog marketings, 12 percent more than the previous year.

Steer and heifer prices averaged \$62.40 per hundredweight in 1981, down from \$67.20 in 1980. The average price ranged from a low of \$57.00 in December to a high of \$66.70 in June.

Hog prices averaged \$43.80 per hundredweight, up from \$38.00 in 1980. Prices ranged from a low of \$39.00 in March and April to a high of \$49.20 in July and August.

Lamb prices averaged \$53.30 per hundredweight in 1981, down from \$62.80 in 1980. High for the year was \$66.80 in May, and low for the year was \$45.90 in November. Wool prices averaged 71 cents a pound in 1981 and 70 cents a pound in 1980.

Milk prices, for all milk wholesale, averaged \$13.30 per hundredweight, up from \$12.60 in 1980. Average monthly prices ranged from \$12.90 to \$13.60.

All-egg prices averaged 52.0 cents a dozen for the marketing year. Average prices ranged from a

low of 44.6 cents to a high of 61.5 cents.

Crop Receipts¹

Iowa farmers received a record \$4.78 billion from the sale of crops in 1981. This is 5 percent more than the previous record of \$4.55 billion received in 1980.

Crop Prices

The average price received for corn for the 1981-82 marketing year was \$2.35 per bushel, down 21 percent from the \$2.97 per bushel in 1980-81. During 1981 the average monthly prices ranged from a high of \$3.21 per bushel in April to a low of \$2.29 per bushel in November.

The average price received for soybeans for the 1981-82 marketing year was \$5.95 per bushel, down 19 percent from \$7.39 per bushel in 1980-81. The average monthly prices in 1981 ranged from a high of \$7.66 per bushel in January to a low of \$5.88 per bushel in December.

Oat prices averaged \$1.90 per bushel for the marketing year, up 11 percent from the previous marketing year. Average monthly prices ranged from a high of \$2.09 per bushel in May to a low of \$1.77 per bushel in October. All hay prices for the 1981 crop averaged \$52.00 a ton, up from \$48.50 in 1980.

Crop Values²

Value of Iowa 1981 farm crops, including fruits, seeds, and commercial vegetables, totaled 6.83 billion dollars, 5 percent less than the 1980 value of 7.22 billion dollars.

Corn, soybeans, and hay accounted for 97.9 percent of Iowa's crop value. Corn accounted for 60 percent while soybeans and hay accounted for 31 percent and 7.4 percent, respectively.

Feed Ratios

The 1981 beef cattle-corn ratio averaged 20.9; the low was 18.2 in March and the high was 24.7 in September. The lowest annual average on record was 7.6 in 1917, the highest 30.7 in 1972.

The average hog-corn ratio for 1981 was 15.6, up from the 14.0 in 1980. The low was 12.1 in March and the high was 20.0 in September. The lowest annual average on record was 8.1 in 1934 and the highest 23.4 in 1972.

¹Crop receipts is the amount of payment received from the quantity of crops sold based on monthly sales. ²Value of production is the total production of a crop multiplied by the season average price.

Cash Farm Income, By Commodities, Iowa, 1967, 1979-1980

Commodity	Cash farm income ¹			Sources of cash farm income		
	1967	1979	1980	1967	1979	1980
	1,000 dollars			Percent		
Crops						
Corn	493,702	1,716,416	2,380,408	14.2	18.5	23.7
Soybeans	348,906	1,866,243	2,021,947	10.1	20.2	20.1
Oats	21,553	33,005	33,915	.6	.4	.3
Hay	12,055	41,947	36,163	.4	.4	.4
Wheat	2,164	6,852	11,236			
Popcorn	2,936	3,160	5,144			
Potatoes	942	1,012	1,198			
Sorghum grain	1,241	1,376	566			
Red clover seed	309	302	301	.8	.8	.8
Vegetable crops	4,670	6,959	6,049			
Fruits	982	1,785	2,962			
Other field crops	1,160	3,397	2,307			
Nursery, greenhouse, and forest	14,788	48,546	50,420			
Crop total	905,408	3,731,000	4,552,616	26.1	40.3	45.3
Livestock and livestock products						
Hogs	963,036	2,228,335	2,196,559	27.8	24.1	21.9
Cattle and calves	1,264,684	2,688,620	2,606,628	36.5	29.0	26.0
Sheep and lambs	20,739	14,050	19,263	.7	.2	.2
Wool	2,424	2,463	2,399			
Dairy products	213,002	443,647	506,847	6.1	4.8	5.0
Turkeys	27,766	54,553	59,095	.8	.6	.6
Eggs	55,843	68,973	69,129	1.6	.7	.7
Farm chickens	1,899	2,911	2,058	.2	.1	.1
Other poultry	5,962	5,850	6,000			
Other livestock	7,174	18,332	19,380	.2	.2	.2
Livestock total	2,562,529	5,527,734	5,487,358	73.9	59.7	54.7
Crops and livestock	3,467,937	9,258,734	10,039,974	100.0	100.0	100.0
Government payments ²	142,839	69,189	44,563			
Grand total	3,610,776	9,327,923	10,084,537			

¹CASH INCOME relates to the value of quantities of each product sold off the farm. These data show the direct income from crops sold. Income from crops fed to livestock is included as part of livestock income. ²Includes agricultural conservation, price adjustment payments to farmers, and agricultural production and practice payments.

Cash Receipts From Marketings, State Rankings, 1980-1981

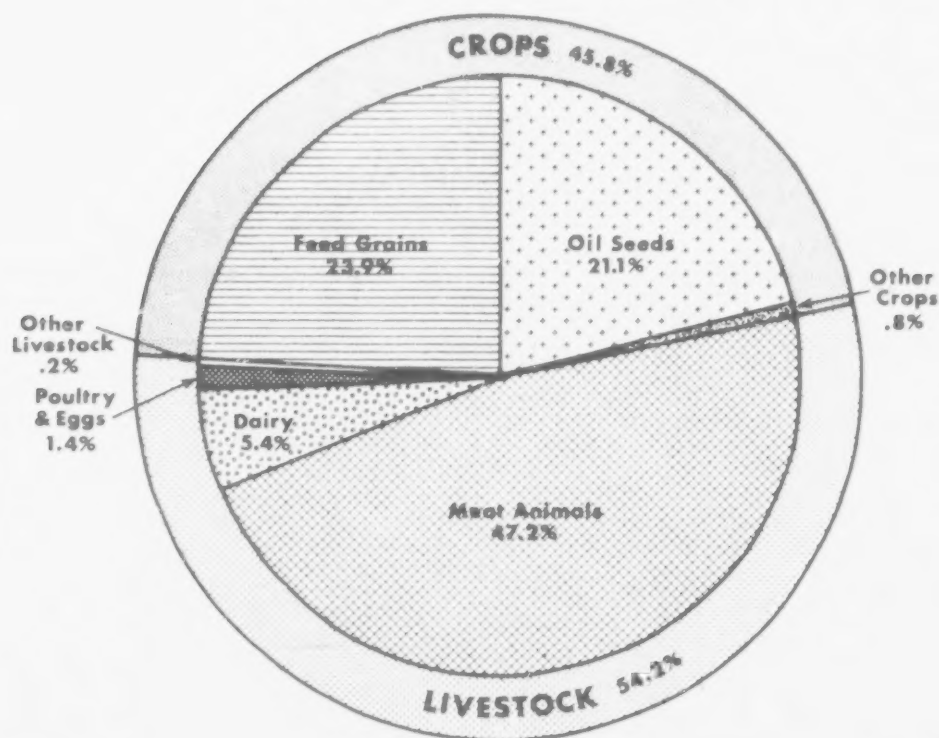
Source of cash receipts ¹	Rank									
	1	2	3	4	5	6	7	8	9	10
	1980									
Crops	Cal.	Ill.	<u>Iowa</u>	Tex.	Minn.	Fla.	Ind.	Kans.	Neb.	Ohio
Livestock and livestock products	<u>Iowa</u>	Tex.	Cal.	Wis.	Neb.	Kans.	Minn.	Ill.	Colo.	Mo.
Total	Cal.	<u>Iowa</u>	Tex.	Ill.	Minn.	Neb.	Kans.	Wis.	Ind.	Mo.
	1981 ²									
Crops	Cal.	Ill.	<u>Iowa</u>	Tex.	Minn.	Fla.	N.C.	Neb.	Ind.	Kans.
Livestock and livestock products	<u>Iowa</u>	Tex.	Cal.	Wis.	Neb.	Minn.	Kans.	Ill.	Mo.	Colo.
Total	Cal.	<u>Iowa</u>	Tex.	Ill.	Minn.	Neb.	Kans.	Wis.	Ind.	Mo.

¹Excludes government payments. ²Preliminary.

Monthly Cash Receipts From Farm Marketings, Iowa, 1980-1981

Month and annual	Crops				Livestock and products				Total receipts			
	1980		1981		1980		1981		1980		1981	
	Total receipts	Percent of ann. total	Total receipts	Percent of ann. total	Total receipts	Percent of ann. total	Total receipts	Percent of ann. total	Total receipts	Percent of ann. total	Total receipts	Percent of ann. total
	Thou. dollars		Thou. dollars		Thou. dollars		Thou. dollars		Thou. dollars		Thou. dollars	
Jan.	455,191	10.0	916,967	19.1	531,280	9.6	606,396	10.7	986,471	9.8	1,523,363	14.5
Feb.	304,229	6.7	294,654	6.2	432,800	7.9	431,493	7.6	737,029	7.3	726,147	7.0
Mar.	315,125	6.9	458,650	9.6	435,863	7.9	482,811	8.5	750,988	7.5	941,461	9.0
Apr.	266,273	5.8	159,663	3.3	386,900	7.1	400,242	7.1	653,173	6.5	559,905	5.4
May	299,063	6.6	251,830	5.3	431,734	7.9	457,553	8.1	730,797	7.3	709,383	6.8
June	273,476	6.0	183,145	3.8	424,436	7.7	508,771	9.0	697,912	7.0	691,916	6.6
July	422,945	9.3	320,058	6.7	431,502	7.9	470,089	8.3	854,447	8.5	790,147	7.6
Aug.	445,499	9.8	274,406	5.7	432,615	7.9	416,827	7.4	878,114	8.7	691,233	6.6
Sep.	361,917	7.9	256,269	5.4	480,829	8.8	475,756	8.4	842,746	8.4	732,025	7.0
Oct.	492,691	10.8	653,096	13.7	512,562	9.3	467,634	8.3	1,005,253	10.0	1,120,730	10.7
Nov.	454,011	10.0	556,402	11.6	499,313	9.1	465,542	8.2	953,324	9.5	1,021,944	9.8
Dec.	462,136	10.2	457,126	9.6	487,524	8.9	478,261	8.4	949,720	9.5	935,387	9.0
Annual	4,552,616	100.0	4,782,266	100.0	5,487,358	100.0	5,661,375	100.0	10,039,974	100.0	10,443,641	100.0

Source Of Iowa's 1981 Cash Receipts



Realized Gross Farm Income, Iowa, 1967, 1971-1981¹

Calendar year	Cash receipts from farm marketings			Government payments	Non-money income	Other farm income	Realized gross farm income	
	Livestock	Crops	Total crops and livestock				Total all farms	Average per farm
Million dollars								
1967	2,562.5	905.4	3,467.9	142.8	169.7	28.8	3,809.3	25,061
1971	2,691.5	1,280.6	3,972.1	203.5	196.0	41.3	4,412.8	30,859
1972	3,246.7	1,484.1	4,730.8	318.5	210.0	42.4	5,301.8	37,601
1973	4,176.6	2,813.2	6,989.8	186.2	234.7	52.4	7,463.1	53,691
1974	3,797.8	3,658.7	7,456.5	16.6	285.0	64.0	7,822.2	56,682
1975	3,895.6	2,591.4	6,487.0	53.1	323.9	80.6	6,944.6	51,063
1976	4,000.8	3,090.0	7,090.8	26.8	407.2	88.7	7,613.5	57,244
1977	4,263.8	2,632.3	6,896.1	28.9	537.6	101.5	7,564.1	60,513
1978	5,441.8	3,107.4	8,549.2	271.0	577.1	111.1	9,508.4	77,304
1979	5,527.7	3,731.0	9,258.7	69.2	687.3	139.1	10,154.4	83,920
1980	5,487.4	4,552.6	10,040.0	44.6	772.3	144.7	11,001.6	92,450
1981 ²	5,661.4	4,782.2	10,443.6	NA	NA	NA	NA	NA

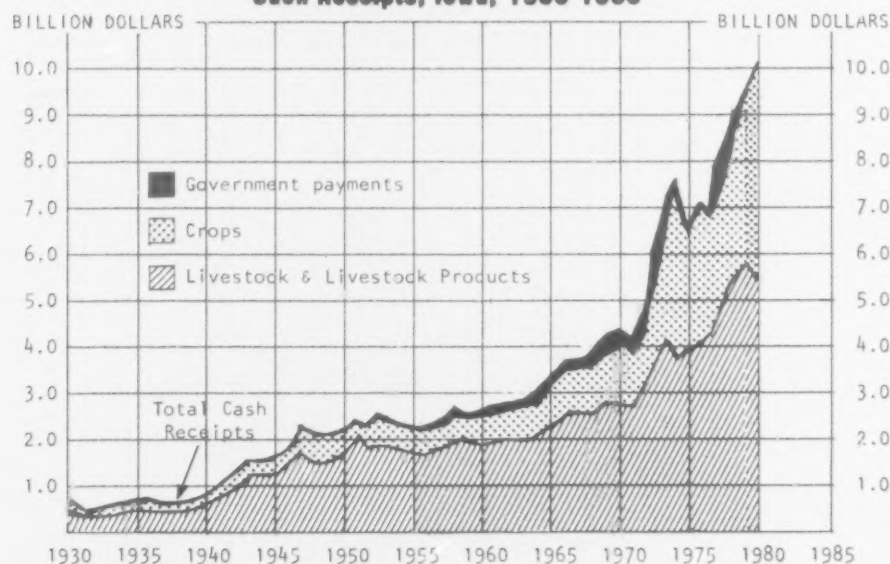
¹Individual items may not add to totals due to rounding. ²Data not all available at time of publication.

Realized Net Farm Income, Iowa, 1967, 1971-1980¹

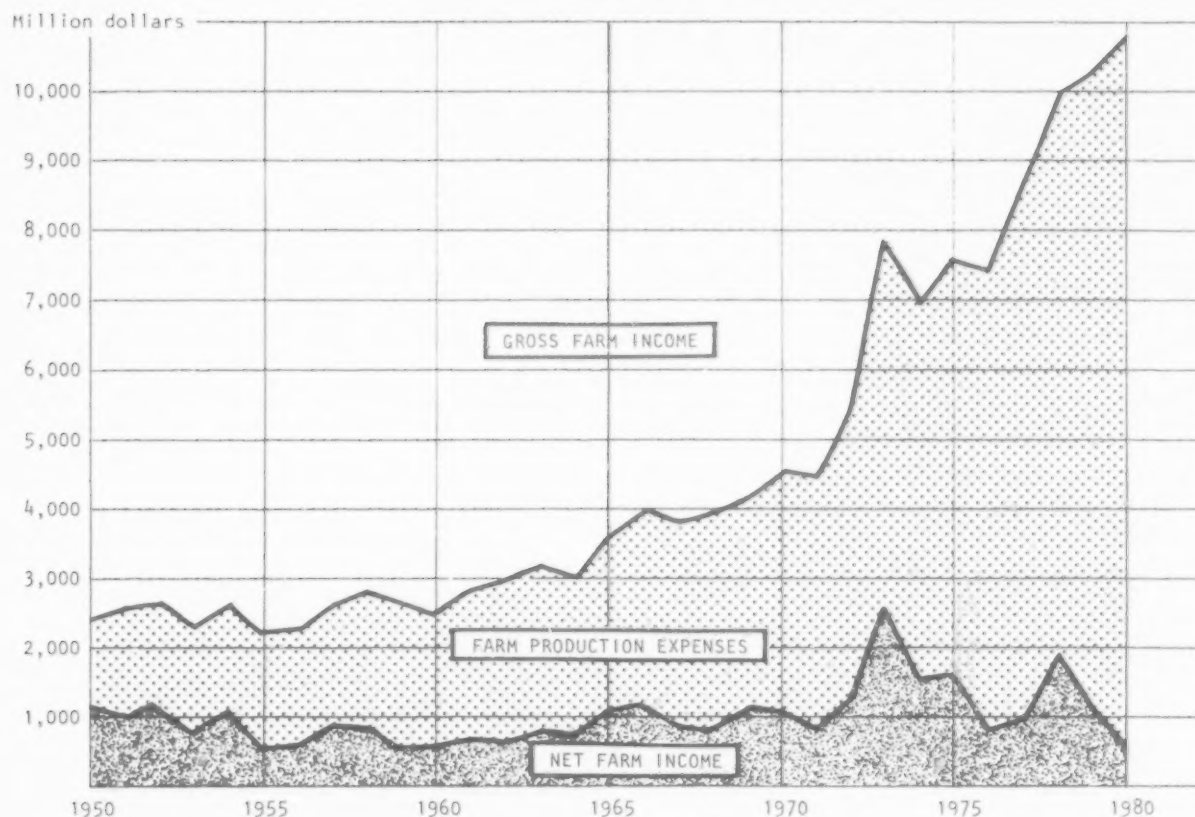
Calendar year	Realized gross farm income	Farm production expenses	Realized net farm income		Net change in farm inventories	Total net farm income	
			Total, all farms	Average per farm		Total, all farms	Average per farm
----- Million dollars ----- Dollars ----- Million dollars ----- Dollars							
1967	3,809.3	2,928.8	880.5	5,793	41.6	922.1	6,067
1971	4,412.8	3,591.9	821.0	5,741	35.6	856.5	5,990
1972	5,301.8	4,156.9	1,144.8	8,119	136.2	1,281.0	9,085
1973	7,463.1	5,112.8	2,350.3	16,908	300.1	2,650.4	19,068
1974	7,822.2	5,508.8	2,313.4	16,764	-864.9	1,448.5	10,497
1975	6,944.6	5,893.1	1,051.5	7,732	603.8	1,655.3	12,172
1976	7,613.5	6,544.0	1,069.5	8,041	-236.4	833.1	6,264
1977	7,564.1	7,054.7	509.3	4,075	362.6	872.0	6,976
1978	9,508.4	7,982.1	1,526.3	12,409	420.8	1,947.2	15,831
1979	10,154.4	9,203.9	950.4	7,855	635.4	1,585.8	13,106
1980	11,001.6	10,272.8	728.7	6,124	-174.3	554.4	4,659

¹Individual items may not add to totals due to rounding.

Cash Receipts, Iowa, 1930-1980



Iowa Farm Income, 1950-80¹



¹Net Income and Gross Income include changes in farm inventories.

Farm Production Expenses, Iowa, 1975-80

Item	1975	1976	1977	1978	1979	1980
<i>Million dollars</i>						
Feed	1,042.4	1,197.7	1,226.5	1,225.4	1,242.7	1,363.8
Livestock	654.6	785.2	968.1	1,221.6	1,454.3	1,253.2
Seed	226.9	238.7	250.9	247.9	279.2	321.3
Fertilizer and lime	540.5	545.3	457.0	496.2	605.2	771.8
Repairs and operation of capital items	510.6	640.9	698.5	775.6	923.3	1,097.5
Hired labor	168.0	216.3	220.8	227.2	290.9	254.4
Miscellaneous	693.7	762.5	972.7	1,144.4	1,470.5	1,682.3
Total operating expenses	3,836.7	4,386.5	4,734.6	5,358.3	6,266.1	6,744.2
Depreciation and other consumption of farm capital	961.6	1,055.3	1,115.5	1,329.4	1,486.3	1,759.9
Taxes on farm property	301.9	340.5	380.0	284.3	303.6	318.5
Interest on farm mortgage debt	214.1	253.3	299.6	360.9	424.0	515.9
Net rent to non-operator landlords	578.9	508.5	465.2	669.2	723.9	934.3
Total production expenses	5,893.1	6,544.0	7,054.7	7,982.1	9,203.9	10,272.8

NOTE: Details may not add to totals because of rounding.

Acreage, Yield, And Fertilizer Application, Corn And Soybeans, Iowa And Selected States, 1981

Item	Iowa		Selected states ¹	
	Corn	Soybeans	Corn	Soybeans
Planted acreage (000)	14,300	8,200	64,500	59,460
Harvested acreage, grain (000)	13,700	8,150	59,330	58,390
Yield per acre (bu.)	127.0	40.5	114.6	30.7
Percent of planted acreage fertilized (%)	97.7	9.0	97.0	35.9
Pounds of fertilizer used per acre:				
Nitrogen (lbs.)	141.7	20.2	137.0	18.3
Phosphorous (lbs.)	62.6	53.6	67.2	46.1
Potassium (lbs.)	72.5	64.6	86.0	75.8

¹Corn - 10 states; soybeans - 15 states.

Estimated Crop Production Costs, Iowa, 1978-1982

<u>CORN following corn</u>	<u>1978</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>
Machinery	\$ 66.26	\$ 73.22	\$ 85.39	\$ 92.05	\$ 87.10
Seed, chemicals, etc.	72.30	74.35	88.10	102.05	107.95
Labor	16.20	18.00	18.00	19.80	21.60
Land	<u>98.00</u>	<u>102.00</u>	<u>112.00</u>	<u>118.00</u>	<u>122.00</u>
Total cost per acre	\$252.76	\$267.57	\$303.49	\$331.90	\$338.65
Assumed yield	110 bu.	110 bu.	115 bu.	115 bu.	115 bu.
Total cost per bu.	\$ 2.30	\$ 2.43	\$ 2.64	\$ 2.89	\$ 2.95
 <u>CORN following soybeans</u>					
Machinery	\$ 54.68	\$ 60.58	\$ 70.48	\$ 80.90	\$ 77.65
Seed, chemicals, etc.	62.20	64.15	75.50	87.40	91.90
Labor	14.40	16.00	16.00	17.60	19.20
Land	<u>98.00</u>	<u>102.00</u>	<u>112.00</u>	<u>118.00</u>	<u>122.00</u>
Total cost per acre	\$229.28	\$242.73	\$273.98	\$303.90	\$310.75
Assumed yield	110 bu.	110 bu.	115 bu.	115 bu.	115 bu.
Total cost per bu.	\$ 2.08	\$ 2.21	\$ 2.38	\$ 2.64	\$ 2.70
 <u>SOYBEANS following corn</u>					
Machinery	\$ 37.32	\$ 40.99	\$ 48.51	\$ 52.40	\$ 48.50
Seed, chemicals, etc.	43.10	46.15	54.60	65.60	65.70
Labor	15.51	17.90	17.90	18.40	19.80
Land	<u>98.00</u>	<u>102.00</u>	<u>112.00</u>	<u>118.00</u>	<u>122.00</u>
Total cost per acre	\$193.93	\$207.04	\$233.01	\$254.40	\$256.00
Assumed yield	35 bu.	35 bu.	36 bu.	38 bu.	38 bu.
Total cost per bu.	\$ 5.54	\$ 5.92	\$ 6.47	\$ 6.69	\$ 6.73

Source: Cooperative Extension Service, Iowa State University

Farm Land Value, By County, Iowa, 1980 And 1981¹

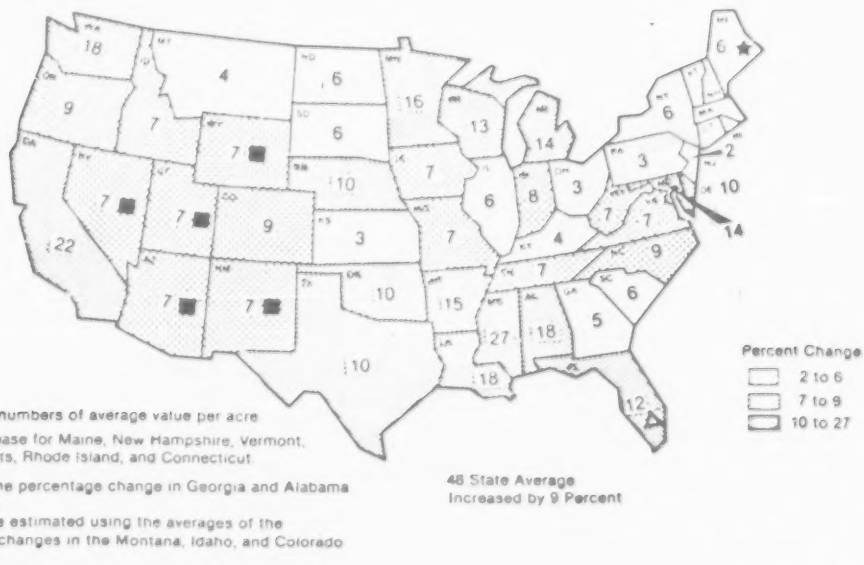


¹ County estimates of average dollar value per acre for Iowa farmland based on U.S. Census of Agriculture estimates and a November 1, 1981, survey of Iowa real estate brokers. The Nov. 1, 1980, values are indicated under the 1981 values.

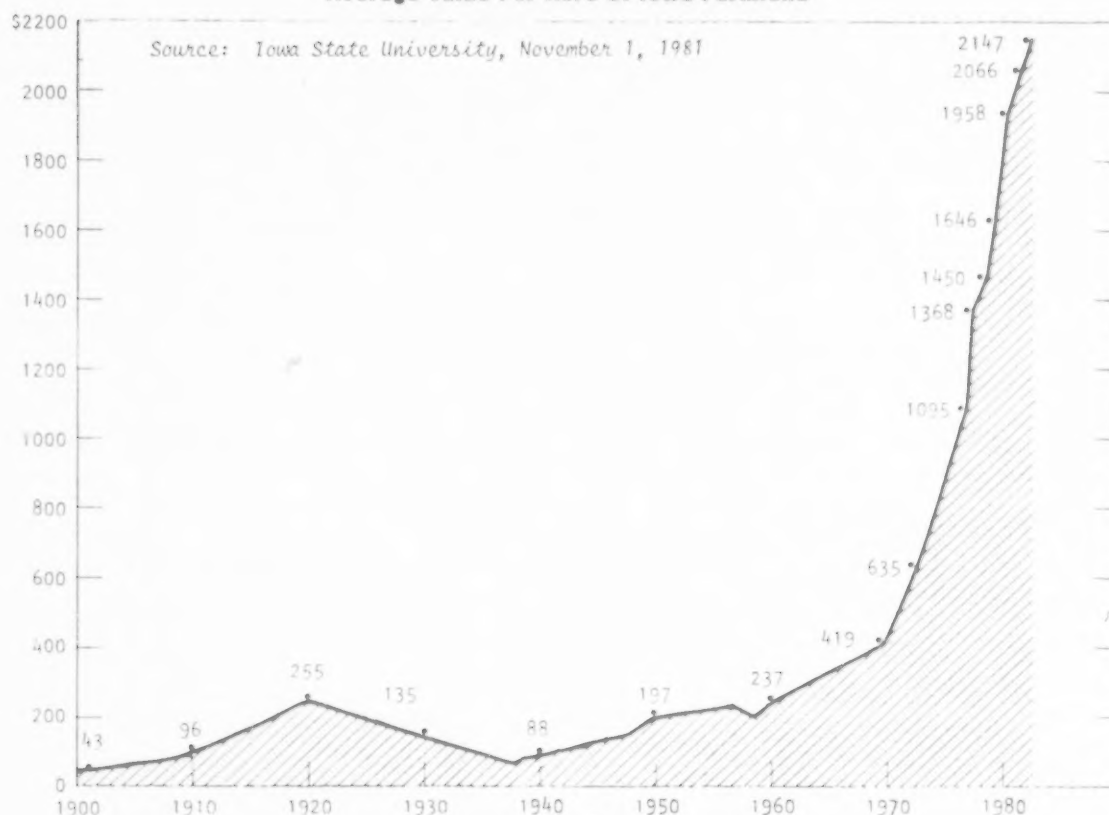
STATE AVERAGE VALUE PER ACRE: \$2,147
\$2,066

SOURCE: COOPERATIVE EXTENSION SERVICE, IOWA STATE UNIVERSITY

Percent Change in Average Value of Farm Real Estate Per Acre, February 1980-February 1981



Average Value Per Acre Of Iowa Farmland



Farm Real Estate: Amount Outstanding, Iowa, January 1, 1972-1981¹

Year	Federal Land Bank ²	Farmers Home Administration ³	Life ins. companies	All banks	Individuals and others ⁴	Total farm rl. est. debt
Thousand dollars						
1972	455,972	124,361	463,300	142,553	1,170,201	2,356,387
1973	497,099	130,414	471,700	162,133	1,318,353	2,579,699
1974	554,678	138,616	481,000	185,500	1,561,478	2,921,272
1975	640,511	146,312	488,700	203,119	1,662,281	3,140,923
1976	789,151	151,509	478,800	234,053	1,834,915	3,488,428
1977	1,013,620	155,614	491,900	283,875	2,042,152	3,987,161
1978	1,245,075	166,408	628,000	330,094	2,259,896	4,629,473
1979	1,509,745	175,499	739,680	356,321	2,500,035	5,281,340
1980	1,834,385	292,062	876,893	357,635	2,449,380	5,810,355
1981	2,361,882	344,932	948,200	338,712	2,602,603	6,596,329
Percent of total						
1972	19.3	5.3	19.7	6.0	49.7	100.0
1973	19.3	5.0	18.3	6.3	51.1	100.0
1974	19.0	4.7	16.5	6.3	53.5	100.0
1975	20.4	4.6	15.6	6.5	52.9	100.0
1976	22.6	4.3	13.7	6.7	52.7	100.0
1977	25.4	3.9	12.3	7.1	51.3	100.0
1978	26.9	3.6	13.6	7.1	48.8	100.0
1979	28.6	3.3	14.0	6.7	47.4	100.0
1980	31.6	5.0	15.1	6.2	42.1	100.0
1981	35.8	5.2	14.4	5.1	39.5	100.0

¹Data include regular mortgages, purchase-money mortgages, and sales contracts. ²Includes loans of joint stock land banks and Federal Farm Mortgage Corporation. ³Includes both direct and insured loans. ⁴Estimates.

Crops. Prices Received By Farmers, Iowa, 1915-1981

Year and month	Corn	Oats	Soybeans	Wheat	Rye	Sorghum grain	All hay	Red clover
Season Avg.	Bushels					Ton		Cwt.
1915	\$.63	\$.36	\$ *	\$.95	\$.82	\$ *	\$ *	\$ *
1920	.47	.45	*	1.84	1.45	*	*	18.10
1925	.60	.34	2.65	1.39	.84	*	*	26.50
1930	.52	.29	1.32	.71	.51	*	*	20.50
1935	.62	.22	.67	.85	.33	.80	*	16.40
1940	.57	.29	.88	.70	.37	.54	*	11.00
1945	1.23	.66	2.07	1.51	1.41	1.27	14.70	30.30
1950	1.52	.79	2.64	2.03	1.26	*	16.60	31.00
1955	1.44	.58	2.24	2.04	.96	1.00	16.20	31.10
1960	.97	.60	2.13	1.77	.98	.82	14.50	21.10
1965	1.13	.65	2.61	1.35	.95	.92	21.80	22.50
1970	1.25	.64	2.82	1.25	.90	1.04	20.00	31.60
1971	1.04	.66	3.07	1.34	.95	.90	20.50	27.50
1972	1.65	.75	4.74	1.52	.96	1.30	22.00	39.30
1973	2.58	1.14	5.65	3.01	1.55	2.15	29.00	62.50
1974	2.97	1.49	6.36	4.13	2.35	2.74	45.00	53.10
1975	2.50	1.44	5.09	3.46	2.25	2.21	49.00	47.30
1976	2.05	1.56	7.05	2.94	2.65	1.85	61.00	61.50
1977	1.99	1.11	5.92	2.11	2.10	1.70	47.00	66.00
1978	2.17	1.19	6.64	2.70	2.60	1.79	43.00	64.00
1979	2.42	1.41	6.17	3.30	3.10	2.01	45.00	58.00
1980 ¹	2.97	1.71	7.39	3.85	3.20	2.48	48.50	63.50
1981 ²	2.35	1.90	5.95	3.60	3.50	3.85	52.00	65.00
1980 ^{1**}								
January	2.34	1.52	6.18	*	*	*	55.00	*
February	2.23	1.56	5.95	*	*	*	53.50	*
March	2.26	1.46	5.73	*	*	*	48.50	*
April	2.29	1.49	5.49	*	*	*	42.00	*
May	2.31	1.43	5.66	*	*	*	41.00	*
June	2.41	1.55	5.82	*	*	*	42.00	*
July	2.65	1.52	6.63	*	*	*	48.50	*
August	2.85	1.53	7.10	*	*	*	51.50	*
September	2.91	1.64	7.47	*	*	*	53.00	*
October	2.88	1.58	7.51	*	*	*	56.00	*
November	2.98	1.74	8.00	*	*	*	52.50	*
December	3.14	1.98	7.76	*	*	*	50.50	*
1981 ^{2**}								
January	3.10	1.99	7.66	*	*	*	48.50	*
February	3.11	1.96	7.44	*	*	*	48.00	*
March	3.17	2.03	7.61	*	*	*	48.50	*
April	3.21	2.00	7.63	*	*	*	49.50	*
May	3.20	2.09	7.42	*	*	*	50.50	*
June	3.10	2.07	6.99	*	*	*	46.00	*
July	3.08	1.80	7.14	*	*	*	49.00	*
August	2.78	1.79	6.53	*	*	*	50.00	*
September	2.42	1.80	6.05	*	*	*	50.00	*
October	2.33	1.77	5.93	*	*	*	52.00	*
November	2.29	1.94	5.90	*	*	*	53.00	*
December	2.30	1.97	5.88	*	*	*	55.00	*

¹Revised. ²Preliminary. *Data not available. **For crops, season average prices are computed by weighting mid-month prices by estimated monthly marketings. The months included in the crop season for individual crops are differentiated by short horizontal lines in the section of the table showing monthly prices. For example, the crop marketing season for corn is from October 1 through September 30 of the following year.

Livestock And Livestock Products: Prices Received By Farmers, Iowa, 1915-1981

Year and month	Hogs	Steers and heifers	Beef cattle	Veal calves	Sheep	Lambs	Milk cows	All milk whole-sale	Turkeys	All Eggs	Wool
Season Avg.							Head	Cwt.	Lb.	Dozen	Lb.
1915	\$ 6.50	\$ *	\$ 7.00	\$ 7.80	\$ 5.10	\$ 7.00	\$ 60	\$ 1.80	\$ *	\$.182	\$.24
1920	13.00	*	10.30	11.90	7.50	11.70	95	3.30	*	.411	.41
1925	10.90	*	8.40	9.20	7.40	13.10	65	2.15	*	.274	.37
1930	8.80	*	9.10	10.10	4.60	8.20	77	2.05	*	.197	.20
1935	8.70	*	7.30	7.10	3.80	7.60	49	1.55	.189	.213	.20
1940	5.30	*	8.90	9.00	3.60	8.40	65	1.65	.159	.144	.30
1945	14.00	*	13.50	13.30	6.50	13.40	115	2.70	.326	.331	.43
1950	17.70	*	25.30	25.90	10.00	25.30	212	3.55	.327	.292	.56
1955	14.40	20.30	18.80	16.80	4.40	18.80	155	3.40	.306	.319	.42
1960	15.30	24.10	22.90	24.00	4.80	18.10	223	3.40	.244	.280	.43
1965	20.60	23.80	22.60	21.50	5.50	22.70	215	3.53	.217	.242	.48
1970	22.60	29.30	28.20	32.90	7.10	27.00	325	5.01	.224	.318	.34
1971	17.50	31.50	30.30	34.70	5.60	25.90	335	5.17	.204	.238	.21
1972	25.30	35.30	34.00	43.30	6.00	29.30	370	5.40	.222	.235	.30
1973	38.60	44.20	42.80	54.20	10.70	35.50	460	6.63	.410	.438	.63
1974	34.10	39.90	38.10	36.60	8.90	39.10	490	7.55	.265	.417	.44
1975	46.20	40.00	36.80	29.30	8.10	43.30	410	8.15	.352	.395	.29
1976	43.00	37.30	35.50	36.10	11.00	46.20	429	9.05	.286	.463	.51
1977	39.60	38.00	37.20	37.80	10.10	52.00	452	9.05	.328	.422	.68
1978	47.00	51.10	50.90	56.50	17.30	60.30	656	10.15	.438	.388	.69
1979	41.60	68.00	65.80	84.60	22.90	65.30	1023	11.60	.410	.440	.74
1980 ¹	38.00	67.20	65.30	78.20	27.20	62.80	1170	12.60	*	*	.70
1981 ²	43.80	62.40	58.20	63.40	23.90	53.30	1200	13.30	*	*	.71
1980 ^{1, **}											
Jan.	36.60	68.30	65.60	87.40	39.20	63.30	1150	12.30	.380	.477	.77
Feb.	36.80	69.50	65.80	86.10	36.50	64.40	1160	12.30	.340	.444	.78
Mar.	33.80	66.50	64.60	75.10	31.00	65.70	1200	12.30	.340	.461	.80
Apr.	28.10	64.50	64.90	70.80	22.40	58.70	1200	12.30	.300	.422	.74
May	28.20	67.00	67.20	68.90	21.90	69.30	1130	12.20	.280	.369	.65
June	32.30	65.40	63.90	72.60	22.00	64.70	1140	12.00	.310	.402	.66
July	40.90	68.70	66.50	72.70	20.90	66.40	1160	12.00	.370	.423	.66
Aug.	45.80	70.60	68.60	75.70	25.20	65.20	1140	12.20	.420	.481	.66
Sep.	46.20	68.70	67.00	73.40	29.30	65.30	1180	12.80	.470	.538	.68
Oct.	47.50	67.20	65.10	75.60	22.90	62.40	1190	13.40	.500	.480	.72
Nov.	45.90	65.90	63.40	76.50	22.50	55.30	1190	13.60	.490	.589	.72
Dec.	44.30	64.20	61.70	71.80	30.00	54.00	1220	13.70	.420	.650	.78
1981 ^{2, **}											
Jan.	41.10	63.20	60.00	71.10	30.40	49.50	1230	13.60	.350	.580	.75
Feb.	41.20	61.30	59.00	69.10	26.90	52.40	1240	13.50	.350	.513	.77
Mar.	39.00	61.40	57.60	66.80	24.00	54.90	1220	13.50	.420	.491	.72
Apr.	39.00	64.00	60.20	68.30	22.20	58.60	1220	13.30	.350	.576	.67
May	40.50	65.10	59.80	62.80	19.40	66.80	1220	13.20	.410	.455	.69
June	47.00	66.70	62.20	62.70	19.60	65.00	1230	12.90	.420	.446	.74
July	49.20	65.10	59.90	62.70	26.60	57.50	1230	12.90	.410	.505	.69
Aug.	49.20	64.80	60.00	64.40	28.20	55.40	1200	12.90	.390	.486	.68
Sep.	48.50	63.80	59.80	63.70	27.00	51.30	1190	13.10	.360	.539	.69
Oct.	44.90	60.50	56.60	58.00	23.40	49.80	1160	13.40	.300	.526	.71
Nov.	41.00	58.90	55.00	58.10	23.00	45.90	1140	13.50	.340	.615	.67
Dec.	39.10	57.00	51.20	57.40	23.40	46.70	1140	13.60	.290	.505	.69

¹Revised. ²Preliminary. *Data not available. **For livestock and livestock products, prices are calendar year monthly prices weighted by monthly marketings except for retail milk prices and milk cow prices, which are straight averages of monthly prices, and hog, egg, and chicken prices, which are weighted averages of monthly prices for marketing season. Months underlined indicate end of marketing year for that commodity.

Feed Ratios, 1976-81

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
Beef Cattle - Corn ¹													
1976	15.0	14.8	13.8	16.5	14.4	13.8	12.4	13.0	13.0	15.1	16.7	15.7	14.5
1977	14.6	14.7	14.9	16.1	17.4	16.8	20.0	23.3	23.0	22.2	19.6	19.5	18.5
1978	21.2	21.7	21.3	22.6	23.8	24.3	25.1	25.8	28.5	28.7	28.5	26.9	24.9
1979	29.8	30.8	33.6	32.9	31.6	28.7	25.4	25.6	28.4	28.8	29.4	28.7	29.5
1980	28.0	29.5	28.6	28.3	29.1	26.5	25.1	24.1	23.0	22.6	21.3	19.6	25.5
1981	19.4	19.0	18.2	18.8	18.7	20.1	19.4	21.6	24.7	24.3	24.0	22.3	20.9
Hog - Corn ²													
1976	20.0	19.8	18.7	19.7	18.4	18.4	17.3	16.4	15.0	14.4	15.2	16.5	17.5
1977	16.6	17.3	16.3	16.2	18.6	20.3	24.6	27.4	25.4	23.9	20.0	22.6	20.8
1978	23.1	24.5	21.2	20.8	21.5	21.0	21.6	24.7	25.6	27.3	24.4	24.0	23.3
1979	25.6	25.9	23.1	20.2	19.2	16.4	14.8	14.7	15.6	14.9	15.3	16.6	18.5
1980	15.6	16.5	15.0	12.3	12.2	13.4	15.4	16.1	15.9	16.5	15.4	14.1	14.9
1981	13.3	13.2	12.3	12.1	12.7	15.2	16.0	17.7	20.0	19.3	17.9	17.0	15.6
Egg - Feed ³													
1976	6.4	6.2	5.3	5.3	5.7	4.9	5.1	6.0	6.0	5.8	6.9	7.3	5.9
1977	6.4	6.6	5.2	4.6	4.4	4.3	4.9	5.1	5.1	4.6	5.2	5.5	5.2
1978	4.1	6.0	5.2	4.6	4.4	3.4	4.5	5.0	5.3	4.7	5.7	5.6	4.9
1979	5.5	5.4	6.4	5.4	5.0	5.2	4.5	4.8	4.5	4.2	5.1	6.4	5.2
1980	5.4	4.8	5.1	4.7	4.1	4.2	4.5	4.4	4.9	4.4	5.0	5.4	4.8
1981	4.1	3.9	4.0	4.9	4.0	3.9	4.6	4.6	5.4	5.7	6.4	4.9	4.7
Milk - Feed ⁴													
1976	1.55	1.49	1.53	1.52	1.47	1.44	1.46	1.52	1.49	1.58	1.64	1.58	1.52
1977	1.54	1.50	1.43	1.41	1.40	1.46	1.62	1.75	1.82	1.82	1.79	1.77	1.53
1978	1.42	1.48	1.42	1.38	1.37	1.32	1.34	1.44	1.44	1.52	1.49	1.50	1.43
1979	1.56	1.44	1.52	1.52	1.48	1.37	1.31	1.52	1.47	1.44	1.56	1.48	1.47
1980	1.47	1.55	1.50	1.59	1.48	1.49	1.36	1.31	1.25	1.37	1.30	1.27	1.41
1981	1.33	1.38	1.39	1.33	1.23	1.29	1.35	1.36	1.33	1.43	1.44	1.50	1.36

¹Bushels of corn equal in value to 100 pounds of beef cattle, live weight. ²Bushels of corn equal in value to 100 pounds of hog, live weight. ³Pounds of laying feed equal in value to 1 dozen eggs. ⁴Pounds of concentrate ration equal in value to 1 pound of wholesale milk.

Bushels Of Corn Equal In Value To 100 Pounds Of Beef Cattle And Hogs, 1972-82



All Farm Products: Index Of Prices Received By Farmers, Iowa, 1957-1981 (1967=100)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Average
1957	87	85	87	90	90	92	96	98	94	88	88	89	90
1958	90	92	99	100	103	103	102	99	99	95	93	93	97
1959	93	90	93	94	95	92	89	90	89	85	82	78	89
1960	82	83	89	91	90	90	91	88	88	89	88	90	88
1961	92	94	93	94	91	88	89	93	90	90	89	90	91
1962	90	91	90	90	89	89	92	96	97	95	94	93	92
1963	93	83	85	87	86	91	95	95	91	90	87	82	89
1964	87	84	86	84	83	84	88	90	92	91	87	89	87
1965	90	91	92	94	101	106	106	107	104	103	102	111	101
1966	113	114	112	108	108	109	111	117	111	107	102	101	109
1967	102	100	99	97	106	105	107	104	102	97	93	93	100
1968	96	100	101	101	101	102	106	102	104	99	100	100	101
1969	103	104	106	108	118	121	120	120	117	112	114	116	113
1970	119	121	120	117	115	116	120	114	113	108	102	100	114
1971	105	117	113	111	114	115	117	114	111	111	112	114	113
1972	122	128	124	124	130	133	137	136	137	132	132	145	132
1973	154	169	182	176	188	207	203	259	207	193	190	184	193
1974	206	207	195	176	166	156	190	211	200	208	196	195	192
1975	188	181	178	189	205	209	220	224	230	221	200	197	204
1976	196	199	191	206	204	212	210	197	194	177	170	187	195
1977	189	193	191	197	208	199	196	182	178	181	181	191	191
1978	199	207	217	220	234	233	226	219	229	232	235	232	224
1979	246	256	260	259	255	249	243	235	241	233	231	234	245
1980	239	236	229	219	224	228	251	267	269	269	268	265	247
1981 ¹	256	253	248	253	253	264	263	257	249	237	223	220	249

All Crops: Index Of Prices Received By Farmers, 1957-1981 (1967=100)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Average
1957	98	95	95	97	97	96	97	96	88	84	78	77	92
1958	73	73	87	86	89	91	99	88	85	81	76	82	83
1959	82	82	84	88	89	89	87	86	83	81	80	77	84
1960	78	76	78	81	83	84	84	83	82	80	72	76	80
1961	82	87	89	95	97	93	93	92	88	84	85	86	89
1962	86	85	86	88	88	88	88	87	87	86	84	88	87
1963	90	92	92	92	93	96	97	96	98	94	94	94	94
1964	96	94	96	96	95	94	91	92	96	95	94	101	95
1965	102	103	104	105	104	104	102	97	96	92	90	96	100
1966	101	102	99	103	106	108	116	121	112	108	107	110	108
1967	108	105	106	105	105	106	103	95	95	92	89	91	100
1968	92	93	94	95	97	95	93	90	89	88	90	92	92
1969	94	94	93	95	100	99	98	98	93	89	89	90	94
1970	93	92	92	95	98	100	103	104	109	107	109	110	101
1971	115	117	116	113	112	118	118	107	99	96	94	101	109
1972	101	101	105	109	110	109	109	110	113	106	113	133	110
1973	133	151	161	164	206	256	204	281	194	193	191	207	195
1974	221	233	227	200	206	211	245	290	283	306	286	280	249
1975	255	237	221	228	218	216	223	244	228	210	192	188	222
1976	195	198	197	205	213	238	250	232	241	212	202	221	217
1977	229	231	241	255	260	241	203	167	166	171	183	186	211
1978	189	187	210	212	223	222	208	193	195	194	203	205	203
1979	206	214	215	223	224	237	245	236	226	219	213	213	223
1980	221	212	209	206	210	218	242	260	269	268	281	286	240
1981 ¹	282	279	285	288	284	272	273	249	223	217	215	215	257

¹Preliminary.

**Livestock And Livestock Products: Index Of Prices Received By Farmers, Iowa,
1967, 1972-1981 (1967=100)**

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Average
1967	99	98	96	94	106	105	108	107	104	99	95	94	100
1972	129	138	131	129	137	141	147	146	145	142	139	130	139
1973	162	175	190	181	181	189	202	251	212	194	189	176	192
1974	200	197	183	167	152	136	170	182	170	172	164	164	171
1975	164	161	163	175	200	206	218	217	231	225	203	200	197
1976	197	199	189	206	201	203	196	184	177	164	174	175	188
1977	174	179	173	176	189	184	194	188	183	185	180	183	183
1978	202	214	220	223	238	237	232	228	241	246	246	242	231
1979	261	271	276	272	266	253	242	235	246	238	237	242	253
1980	245	245	236	224	229	231	254	270	269	269	263	257	249
1981 ¹	246	243	235	241	242	261	260	260	258	244	234	222	246

**Meat Animals: Index Of Prices Received By Farmers, Iowa,
1967, 1972-1981 (1967=100)**

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Average
1967	98	97	95	94	107	107	109	108	104	99	94	93	100
1972	130	140	132	130	140	145	151	149	148	144	139	130	142
1973	163	180	195	185	186	193	208	259	215	194	187	171	191
1974	199	196	181	165	151	134	173	186	170	172	162	161	171
1975	162	160	162	176	204	211	225	221	230	216	201	196	198
1976	195	198	187	207	201	204	199	180	171	163	161	169	185
1977	169	174	169	172	186	183	193	186	181	182	175	169	180
1978	201	213	220	224	242	247	234	223	242	247	245	239	231
1979	261	273	278	274	269	254	242	233	246	236	233	238	253
1980	242	243	233	220	226	228	254	270	267	266	258	250	246
1981 ¹	239	237	228	234	237	259	257	258	255	239	226	213	240

**Poultry And Eggs: Index Of Prices Received By Farmers, Iowa,
1967, 1972-1981 (1967=100)**

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Average
1967	128	106	106	91	89	86	103	99	105	93	91	98	100
1972	102	102	118	101	98	101	112	108	123	111	148	177	117
1973	189	148	172	169	162	195	190	267	248	230	235	235	203
1974	223	211	193	165	125	121	132	160	186	184	187	216	175
1975	186	153	179	144	156	169	159	178	198	182	200	224	179
1976	196	188	178	175	190	175	181	203	206	198	221	240	196
1977	217	216	197	186	163	157	168	173	169	160	184	199	182
1978	172	199	193	180	173	158	190	198	206	204	228	242	195
1979	231	214	239	223	204	204	190	191	188	192	221	236	215
1980	214	197	202	183	163	179	196	222	249	236	268	275	215
1981 ¹	241	220	226	240	213	211	228	219	230	216	251	208	225

**Dairy Products: Index Of Prices Received By Farmers, Iowa,
1967, 1972-1981 (1967=100)**

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Average
1967	104	102	100	98	98	96	96	97	100	102	104	105	100
1972	127	128	128	125	123	121	121	125	128	133	136	133	128
1973	137	137	138	139	138	138	135	152	167	182	190	200	155
1974	202	205	203	194	175	159	155	158	166	171	173	170	178
1975	174	174	172	173	172	172	176	186	202	215	223	233	189
1976	224	215	216	210	208	205	213	218	213	216	216	215	214
1977	212	212	211	215	212	211	212	215	219	223	229	229	217
1978	226	229	229	231	228	226	228	235	243	257	267	274	239
1979	274	271	269	267	267	262	262	271	276	285	290	290	274
1980	290	290	290	290	288	283	283	288	302	316	321	323	297
1981 ¹	321	318	318	314	311	304	304	304	309	316	318	321	313

¹Preliminary.

Index Of Local Market Prices Received By Farmers, U.S., 1973-1981 (1967=100)

Year	All commodities	All crops	All livestock and livestock products	Dairy products	Poultry and eggs	Meat animals
	Percent					
1973	179	175	183	143	176	198
1974	192	224	165	166	163	165
1975	185	201	170	175	179	169
1976	186	197	177	192	178	170
1977	183	192	175	193	174	168
1978	210	203	216	210	185	226
1979	241	223	257	239	192	280
1980	246	240	251	259	195	262
1981	252	257	249	273	202	251

Index Of Prices Paid By Farmers, Interest, Taxes, And Wage Rates, U.S., 1973-1981 (1967=100)

Year	Prices paid for items used in		Interest payable per acre ¹	Taxes payable per acre ¹	Wage rates for hired farm labor	All prices paid
	Living	Production				
	Percent					
1973	133	146	194	146	155	144
1974	151	166	234	154	178	164
1975	166	182	273	165	192	180
1976	176	193	312	178	210	192
1977	181	200	358	190	226	203
1978	194	217	422	189	242	220
1979	215	248	515	203	265	250
1980	245	277	640	216	286	279
1981	270	294	697	236	308	303

¹Revised.

Feeder Pigs: Prices Paid By Farmers, Iowa, 1967-1981

Year	Jan.	April	July	Oct.
	Dollars per cwt.			
1967	34.60	36.20	35.50	34.00
1968	31.90	38.60	34.50	34.50
1969	32.20	41.00	43.50	47.50
1970	54.50	61.50	46.50	32.00
1971	24.50	32.60	31.10	35.00
1972	50.00	58.00	58.00	61.00
1973	59.00	80.50	93.00	80.50
1974	73.50	67.00	38.30	48.00
1975	55.00	93.00	97.00	113.00
1976	97.00	108.00	74.00	54.00
1977	58.50	93.00	88.50	85.00
1978	85.00	115.00	105.00	115.00
1979 ¹	98.00	98.50	60.00	60.00
1980 ¹	72.00	56.50	65.00	86.00
1981 ¹	74.50	85.00	84.00	75.00

¹Changed to survey months February, May, August, and November.

Costs And Returns Of Fed Beef Marketed, Midwestern Farm Feedlots, 1980¹

Item ²	Costs and returns per hundredweight sold					
	Supplementary enterprise short-run ³		Primary enterprise short-run ³		Primary enterprise long-run ³	
	Cash	Noncash	Cash	Noncash	Cash	Noncash
Returns	\$66.54	\$ -	\$66.54	\$ -	\$66.54	\$ -
Direct costs:						
Corn (270 lb.)	11.23	-	11.23	-	11.23	-
Protein supplement (25 lb)	3.12	-	3.12	-	3.12	-
Legume hay (60 lb)	.33	-	.33	-	.33	.54
Corn silage (260 lb)	1.96	-	1.96	-	1.96	.38
Subtotal, feed	16.64	-	16.64	-	16.64	.92
Veterinary and medicine	.52	-	.52	-	.52	-
Truck and machine hire	1.51	-	1.51	-	1.51	-
Marketing	.65	-	.65	-	.65	-
Bedding (44 lb)	.31	-	.31	-	.31	.63
Fuel, lube, and electricity	1.53	-	1.53	-	1.53	-
Machinery and building repairs	1.66	-	1.66	-	1.66	-
Subtotal	6.18	-	6.18	-	6.18	.63
Feeder cattle (51.2 lb.)	42.37	-	42.37	-	42.37	-
General farm overhead	-	-	1.65	-	1.65	-
Interest on operating capital ⁴	2.67	-	2.67	-	2.67	.06
Hired labor (0.15 hr)	.55	-	.55	-	.55	-
Total direct costs	68.41	-	70.06	-	70.06	1.61
Manure credit ⁵	-1.64	-	-1.64	-	-1.64	-
Total direct costs less manure credit	66.77	-	68.42	-	68.42	1.61
Ownership costs:						
Machinery and equipment, RITI ⁶	-	-	.24	-	.24	3.80
Buildings and facilities, RITI ⁶	-	-	.09	-	.09	1.69
Subtotal, ownership costs	-	-	.33	-	.33	5.49
Operator and family labor (0.69 hr)	-	-	-	2.60	-	2.60
Management	-	-	-	2.53	-	2.53
Land taxes	-	-	.10	-	.10	-
Total cash and noncash costs	66.77	-	68.85	5.13	68.85	12.23
Total nonland cash	66.77	-	73.98		81.08	
Return to land and risk	-	-	-	-	-14.54	

See footnotes on Page 95.

Costs And Returns Of Fed Beef Marketed, Midwestern Farm Feedlots, Preliminary, 1981¹

Item ²	Costs and returns per hundredweight sold					
	Supplementary enterprise short-run ³		Primary enterprise short-run ³		Primary enterprise long-run ³	
	Cash	Noncash	Cash	Noncash	Cash	Noncash
Returns	\$63.12	\$ -	\$63.12	\$ -	\$63.12	\$ -
Direct costs:						
Corn (270 lb)	12.97	-	12.97	-	12.97	-
Protein supplement (25 lb)	3.22	-	3.22	-	3.22	-
Legume hay (60 lb)	.44	-	.44	-	.44	.72
Corn silage (260 lb)	2.53	-	2.53	-	2.53	.43
Subtotal, feed	19.16	-	19.16	-	19.16	1.15
Veterinary and medicine	.56	-	.56	-	.56	-
Truck and machine hire	1.71	-	1.71	-	1.71	-
Marketing	.67	-	.67	-	.67	-
Bedding (44 lb)	.36	-	.36	-	.36	.71
Fuel, lube, and electricity	1.73	-	1.73	-	1.73	-
Machinery and building repairs	1.81	-	1.81	-	1.81	-
Subtotal	6.84	-	6.84	-	6.84	.71
Feeder cattle (51.2 lb)	37.41	-	37.41	-	37.41	-
General farm overhead	-	-	1.83	-	1.83	-
Interest on operating capital ⁴	2.92	-	2.92	-	2.92	.08
Hired labor (0.15 hr)	.60	-	.60	-	.60	-
Total direct costs	66.93	-	68.76	-	68.76	1.94
Manure credit ⁵	-1.79	-	-1.79	-	-1.79	-
Total direct costs less manure credit ...	65.14	-	66.97	-	66.97	1.94
Ownership costs:						
Machinery and equipment, RITI ⁶	-	-	.25	-	.25	4.39
Buildings and facilities, RITI ⁶	-	-	.10	-	.10	1.86
Subtotal, ownership costs	-	-	.35	-	.35	6.25
Operator and family labor (0.69 hr)	-	-	-	2.83	-	2.83
Management	-	-	-	2.87	-	2.87
Land taxes	-	-	.11	-	.11	-
Total cash and noncash costs	65.14	-	67.43	5.70	67.43	13.89
Total nonland costs	65.14	-	73.13		81.32	
Return to land and risk	-		-		-18.20	

¹Prices are averages paid or received by producers. ²Physical quantities where applicable are shown in parentheses. ³Cash costs are the actual cash outlays for production items, the market value of readily salable items such as grain, plus taxes and insurance. Interest on direct expenses is apportioned between cash and noncash; interest on all durable assets is listed as an opportunity cost as if the producer has full equity. ⁴Interest is charged on the costs (or assigned values) of all direct inputs and arbitrarily divided between cash and noncash in proportion of their shares of total direct costs. ⁵The value of manure as a fertilizer is credited to the feedlot enterprise even though a cash transaction does not occur, since it is usually applied to cropland by the producer. ⁶Replacement, interest, taxes, and insurance.

Prices Paid By Farmers For Commodities Used In Production, Iowa, 1967, 1980-1981

Commodity and unit	Average price		
	1967	1980	1981
----- Dollars -----			
FARM MACHINERY			
Corn planters, with fertilizer attachment, 4-row, each	--	6,500.00	7,900.00
Corn planters, with fertilizer attachment, 8-row, each	--	12,000.00	15,500.00
Combine, self-propelled, medium capacity, each	--	48,000.00	58,000.00
Combine, self-propelled, large capacity, each	--	66,500.00	82,500.00
Cultivators, row crops, 4-row, each	--	2,150.00	2,250.00
Cultivators, row crops, 6-row, each	--	2,650.00	2,650.00
Disk harrows, tandem, 15-17' width, each	--	6,650.00	6,900.00
Disk harrows, tandem, 18-20' width, hydraulic lift, each ¹	--	8,150.00	9,200.00
Moldboard plows, tractor drawn or mounted, one way, 5 bottoms, each	--	5,550.00	6,400.00
7 bottoms, each	--	8,050.00	9,200.00
Chisel plow, tractor drawn or mounted, 16-20 ft.	--	2,850.00	3,750.00
Manure spreaders, P.T.O. 141-190 bu. cap., each	--	3,750.00	4,100.00
Mowers, drawn or mounted, 7', each	600.00	1,750.00	1,900.00
Pick-up balers, P.T.O., each ²	1,850.00	5,800.00	6,200.00
Tractors, wheel, 50-59 h.p., each	6,200.00	13,800.00	15,000.00
Tractors, wheel, 110-129 h.p., each	--	32,100.00	35,000.00
Tractors, wheel, 170-240 h.p., each	--	65,300.00	69,000.00
Wagons, farm, w/o box, less tires, 8-10 ton, each	205.00	980.00	1,000.00
FARM SUPPLIES AND EQUIPMENT			
Nails, 8d common, per lb.	.185	.660	.720
Shovels, aluminum scoop, each	7.09	20.00	21.00
Nail hammers, with handle, each	4.27	10.50	12.50
Pitchforks, 4-pine, each	5.72	15.50	17.50
Rope, polypropylene, per 100 ft.	--	18.00	19.50
Baler twine, per 40 lb. bale	8.84	25.50	23.50
BUILDING MATERIALS			
Concrete blocks, 8x8x16, per 100	--	79.00	86.00
Cement, Portland, per 94 lbs. (net)	1.55	5.00	5.40
Framing lumber, 2"x4", fir, standard & better, per 1000 bd. ft. ..	164.00	450.00	420.00
Insulating sheathing, 3/4", 4'x8' sheet ³	92.70	4.40	4.80
Plywood, interior 3/4" A-D, 4'x8' sheet ³	122.00	12.00	11.50
Rough boards, for farm fences and construction, per 1000 bd. ft.	170.00	613.00	610.00
Dressed boards, 1" thick, standard & better, per 1000 bd. ft. ..	197.00	713.00	680.00
Roofing, galvanized steel, 28-29 gauge, per 100 sq. ft.	12.30	40.50	42.00
Roofing, shingles, asphalt, 3 in 1, mineral surface, 240 lb. per sq.	9.77	30.00	29.50
Paint, house exterior, per gallon	6.54	14.50	15.00
Iron pipe, 1 1/2", galvanized, per ft.	.519	1.90	2.20
HOUSEHOLD SUPPLIES			
Telephone ⁴			
Total telephone bill	--	27.80	30.20
Local telephone bill	--	10.00	10.20
Electricity			
Monthly bill, average per month	20.00	74.50	85.40
Cost per kilowatt hour	2.70	4.90	6.10
LP gas, per gallon	.145	.590	.640
FEEDER PIGS, per cwt.	35.08	70.00	80.00

See footnotes on page 97.

Prices Paid By Farmers For Commodities Used In Production, Iowa, 1967, 1980-1981 (Cont.)

Commodity and unit	Average price		
	1967	1980	1981
----- Dollars -----			
FENCING MATERIALS			
Posts, steel, line fence, each	1.05	3.00	3.30
Posts, wood, line fence, each	.99	3.90	3.50
Wire, barbed, 2 pt., galvanized, 12½ gauge, per 80 rod spool ...	10.40	35.00	38.50
Field & stock fence (woven wire), 6" stay spacing, 32" high, per 20 rod spool	24.20	76.00	88.00
FERTILIZERS AND SPRAYING MATERIALS			
Ammonium nitrate, per ton	74.00	170.00	190.00
Mixed fertilizer, 18-46-0, per ton	110.00	295.00	275.00
Anhydrous ammonia, per ton ⁵	103.00	220.00	240.00
Superphosphate, 44-46% P ₂ O ₅ , per ton	82.00	245.00	240.00
Agricultural limestone, per ton ⁶	3.70	10.00	12.00
COMMERCIAL FEEDS			
Bran, per cwt.	3.70	8.80	9.40
Middlings and gray shorts, per cwt.	3.75	8.70	9.30
Soybean meal, 44%, per cwt.	5.20	13.00	13.50
Mixed hog feed, 14-18% protein, per cwt.	5.30	10.50	11.50
Beef cattle concentrate, 32-36% protein & over, per cwt.	5.30	12.50	13.00
Laying feed, per ton ⁷	89.30	200.00	220.00
Dairy feed, 16% protein, per ton	74.40	180.00	195.00
Chick starter, per ton ⁷	103.00	230.00	245.00
Turkey grower, per ton ⁷	97.80	220.00	220.00
Stock salt, 100 lbs.	--	5.30	6.00
SEEDS			
Alfalfa, uncertified varieties, per cwt.	61.10	163.00	150.00
Red clover, per cwt.	41.20	63.50	65.00
Potatoes, per cwt.	3.90	6.00	13.00
Hybrid corn, per bushel	13.30	57.00	63.00
Oats, spring, per bushel	1.65	4.15	4.40
Soybeans, per bushel	4.50	11.00	13.50
MOTOR SUPPLIES AND SERVICES			
Diesel fuel, per gallon	.16	1.00	1.15
Gasoline, unleaded, regular, service station, per gallon	.34	1.25	1.40
Gasoline, leaded, regular, bulk delivery, per gallon	.29	1.20	1.30
Motor oil, per gallon, heavy duty (detergent)	1.45	4.00	4.90
Grease, per 14½ oz. cartridge	.30	.85	1.05
Chassis lubrication	1.55	3.40	3.75
Motor tune-up, labor only	5.50	17.50	17.50
Brake relining, material and labor	29.00	92.00	100.00
Tires, auto, G78-15, tubeless, each	22.10	51.00	51.00
Tires, auto radial, 205-15 (GR78-15)	--	77.00	74.00
Tires, truck, 9.00-20 ⁸ , 10-ply, each	62.30	165.00	185.00
Tractor tires, rear, 18.4x34, 6-ply, each	--	365.00	400.00
Batteries, CPR 220-310 AMP	22.70	56.00	56.00
Batteries, CPR 315-500 AMP	--	69.00	71.00
Spark plugs, each	.97	2.00	2.20
Oil filters, cartridge refill, each	2.75	4.60	4.55
Oil filters, spin-on, each	--	5.40	5.40
Antifreeze, permanent, per gallon	1.80	5.00	5.20

¹Drawn with transport wheels and hydraulic lift. ²Conventional size bales, under 200 lbs. ³Prior to 1979, priced per 1000 sq. ft. ⁴Includes local charges plus long distance, toll charges, and extension phones. ⁵Excludes application. ⁶Spread on fields. ⁷Complete feeds. ⁸Prior to 1979, 7.50x20.

Farm-Retail Price Spreads, Selected Items, United States, 1979-1982

Commodities	Price spreads									
	Annual			1981 ¹						
	1979	1980	1981 ¹	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.
Market basket²										
Retail cost (1967=100)	222.7	238.8	257.1	252.4	253.7	260.8	259.5	258.3	259.1	262.4
Farm value (1967=100)	228.1	240.9	248.1	250.3	253.7	250.7	246.2	241.9	237.8	238.2
Farm-retail spread (1967=100) ..	219.6	237.6	262.4	253.8	265.1	266.7	266.4	268.6	271.6	276.6
Farm value/retail cost (%)	37.9	37.3	35.7	36.7	36.0	35.6	35.3	34.5	34.0	33.6
Meat products										
Retail cost (1967=100)	241.9	248.8	257.8	259.7	262.0	263.4	262.5	259.6	258.7	257.8
Farm value (1967=100)	234.6	234.0	235.5	233.4	249.2	249.5	241.9	224.9	221.2	216.3
Farm-retail spread (1967=100) ..	250.4	266.1	284.0	290.5	277.0	279.4	286.6	300.2	302.6	306.5
Farm value/retail cost (%)	52.3	50.7	49.3	48.5	51.3	51.1	49.7	46.7	46.1	45.2
Beef, choice										
Retail price ³ (cts/lb)	226.3	237.6	238.7	239.5	242.7	243.8	241.5	239.0	238.0	236.9
Net carcass value ⁴ (cts)	150.5	155.4	149.3	150.5	154.1	153.9	144.2	142.1	141.0	145.1
Net farm value ⁵ (cts)	140.8	145.0	138.5	138.0	142.9	142.8	133.4	131.4	128.6	131.8
Farm-retail spread (cts)	85.5	92.6	100.2	101.5	99.8	101.0	108.1	107.6	109.4	105.1
Carcass-retail spread ⁶ (cts) ..	75.8	82.2	89.4	89.0	88.6	89.9	97.3	96.9	97.0	91.8
Farm-carcass spread ⁷ (cts) ...	9.7	10.4	10.8	12.5	11.2	11.1	10.8	10.7	12.4	13.3
Farm value/retail price (%)	62	61	58	58	59	59	55	55	54	56
Pork										
Retail price ³ (cts/lb)	144.1	139.4	152.4	151.5	158.1	159.5	160.4	158.2	157.4	158.2
Wholesale value ⁴ (cts)	100.4	98.0	106.7	104.1	113.6	112.7	107.9	105.3	103.5	107.0
Net farm value ⁵ (cts)	66.6	63.2	70.3	65.6	80.4	78.3	71.8	66.8	63.5	72.6
Farm-retail spread (cts)	77.5	67.2	82.1	85.9	77.7	81.2	88.6	91.4	93.9	85.6
Wholesale-retail spread ⁶ (cts) ..	43.7	41.4	45.7	47.4	44.5	46.8	52.5	52.9	53.9	51.2
Farm-wholesale spread ⁷ (cts) ..	33.8	34.8	36.4	38.5	33.2	34.4	36.1	38.5	40.0	34.4
Farm value/retail price (%)	46	45	46	43	51	49	45	42	40	46
Dairy products										
Retail cost (1967=100)	207.0	227.4	243.6	240.1	243.8	244.3	244.6	245.0	245.5	245.8
Farm value (1967=100)	234.0	255.2	272.3	272.0	272.6	273.9	273.3	273.3	271.6	271.6
Farm-retail spread (1967=100) ..	183.6	203.2	218.6	212.3	218.7	218.4	219.6	220.3	222.7	223.3
Farm value/retail cost (%)	52.6	52.2	52.0	52.7	52.0	52.2	52.1	51.9	51.5	51.4
Poultry										
Retail cost (1967=100)	181.5	190.8	198.6	202.4	202.0	199.7	196.6	192.3	191.7	194.2
Farm value (1967=100)	199.4	212.8	212.7	228.1	221.9	204.0	195.0	191.4	186.1	202.9
Farm-retail spread (1967=100) ..	164.2	169.5	184.9	177.5	182.8	195.6	198.1	193.2	197.2	185.9
Farm value/retail cost (%)	54.0	54.9	52.7	55.4	54.0	50.2	48.8	49.0	47.7	51.4
Eggs										
Retail cost (1967=100)	172.8	169.7	183.8	190.2	177.6	188.8	185.9	194.7	198.0	189.4
Farm value (1967=100)	199.2	190.9	212.1	208.8	200.0	230.8	233.4	235.3	229.4	213.2
Farm-retail spread (1967=100) ..	134.6	139.1	142.8	163.3	145.3	128.1	131.6	136.0	152.6	154.8
Farm value/retail cost (%)	68.1	66.5	68.2	64.9	66.6	72.3	71.0	71.4	68.5	66.6
Processed fruits and vegetables										
Retail cost (1967=100)	226.6	242.5	271.5	253.0	277.9	278.3	279.4	279.2	280.6	282.7
Farm value (1967=100)	235.3	243.8	288.7	259.4	298.3	298.5	293.5	294.8	291.2	277.4
Farm-retail spread (1967=100) ..	224.7	242.2	267.7	251.6	273.4	273.8	276.3	276.2	278.2	283.9
Farm value/retail cost (%)	18.8	18.2	19.3	18.6	19.5	19.4	19.0	19.0	18.8	21.0

¹Preliminary. ²Market basket statistics are based on the weighting structure of the Consumer Price Index for all urban consumers (CPI-U). Retail costs are based on indexes of retail prices for domestically produced farm foods from the CPI-U published monthly by the Bureau of Labor Statistics. The farm value is the payment to farmers for quantity of farm product equivalent to retail unit, less allowance for byproduct. Farm values are based on prices at first point of sale and may include marketing charges such as grading and packing for some commodities. The farm-retail spread, the difference between the retail price and the farm value, represents charges for assembling, processing, transporting, and distributing these foods. ³Estimated weighted average price of retail cuts from pork and yield grade 3 beef carcasses. Retail prices from USDA's meat price survey. ⁴Value of carcass quantity equivalent to 1 lb. of retail cuts--beef adjusted for value of fat and bone by-products. ⁵Market value to producer for quantity of live animal equivalent to 1 lb. retail cuts minus value of byproducts. ⁶Represents charges for retailing and other marketing services such as fabricating, wholesaling, and in-city transportation. ⁷Represents charges made for livestock marketing, processing, and transportation to city where consumed.

Source: Agricultural Outlook, March 1982

Farm Labor And Wage Rates, Iowa And United States, 1978-1981¹

Year and month	Number of workers			Weekly hours worked per worker			Wage rates	
	Hired	Family	Total	Farm operator	Other unpaid family workers ²	Hired workers	Composite hourly rate ³	By hour receiving cash wages only
	----- 1,000 -----			----- Hours -----			-- Dollars --	
IOWA								
<u>1978</u>								
January	22	137	159	33.2	28.4	28.4	3.10	3.17
April	29	183	212	43.6	32.2	34.5	2.95	3.45
July	63	188	251	49.1	39.1	27.3	2.95	2.91
October	42	199	241	57.7	40.0	43.7	3.11	3.12
<u>1979</u>								
January	26	148	174	37.6	31.5	38.1	3.41	3.43
April	31	153	184	42.4	32.8	29.3	3.20	3.32
July	94	178	272	49.2	37.4	24.3	3.21	3.17
October	33	187	220	61.2	39.4	43.1	3.43	3.41
<u>1980</u>								
January	28	157	185	36.9	36.0	31.0	3.60	3.15
April	26	144	170	43.5	33.2	34.8	3.40	3.70
July	61	155	216	47.4	36.8	29.9	3.65	3.46
October	35	161	196	60.5	43.3	40.7	3.75	3.80
<u>1981</u>								
January	23	107	130	38.1	32.9	35.8	3.75	3.70
April	27	130	157	42.6	32.0	33.5	3.96	4.36
UNITED STATES								
<u>1978</u>								
January	764.3	2,245.2	3,009.5	27.6	31.7	34.6	3.14	3.18
April	1,095.1	2,593.4	3,688.5	35.0	33.6	37.7	3.05	3.08
July	1,848.0	3,119.8	4,967.8	39.2	39.5	35.8	2.91	3.00
October	1,317.4	2,762.8	4,080.0	41.6	37.7	38.8	3.12	3.19
<u>1979</u>								
January	797.8	2,198.7	2,996.5	27.9	31.3	36.0	3.34	3.34
April	1,056.2	2,424.4	3,480.6	34.6	33.6	38.4	3.35	3.42
July	1,807.4	2,831.9	4,639.3	43.0	39.1	36.8	3.20	3.30
October	1,418.4	2,525.1	3,943.5	43.5	39.2	40.1	3.51	3.58
<u>1980</u>								
January	909.6	2,111.9	3,021.5	31.2	32.7	35.0	3.65	3.65
April	1,186.4	2,255.0	3,441.4	35.8	34.7	36.9	3.56	3.60
July	1,791.4	2,751.2	4,542.6	40.4	40.4	38.0	3.49	3.62
October	1,306.0	2,485.4	3,791.4	41.7	39.2	40.1	3.73	3.83
<u>1981</u>								
January	928.6	2,068.9	2,997.5	29.9	35.0	35.8	4.04	4.09
April	1,259.6	2,402.9	3,662.5	38.4	36.8	37.9	3.88	3.91

¹The quarterly Farm Labor report was discontinued with the April 1981 report. Annual farm labor statistics will be available beginning in July 1982. ²Includes only those family members who worked 15 or more hours per week without receiving cash wages. ³Includes all workers and all methods of pay except those workers paid by piece rate.

**Civilian Per Capita Consumption Of Major Food Commodities
And Civilian Population, Selected Years¹**

Commodity	1967	1977	1978	1979	1980 ²	1980 as % of 1979
<i>Pounds</i>						
Meats:.....	145.1	152.3	146.9	144.9	147.6	102
Beef	78.8	91.8	87.2	78.1	76.5	98
Veal	3.2	3.2	2.4	1.7	1.5	88
Lamb and mutton	3.5	1.5	1.4	1.3	1.3	100
Pork	59.6	55.8	55.9	63.8	68.3	107
Fish (edible weight)	10.6	12.7	13.4	13.0	12.7	98
Poultry products:						
Eggs	40.7	34.0	34.6	35.3	34.6	98
Chicken (ready-to-cook)	36.5	44.7	46.7	50.6	50.0	99
Turkey (ready-to-cook)	8.6	9.1	9.1	9.9	10.5	106
Dairy products:						
Cheese (excluding cottage cheese)	10.1	16.1	17.0	17.2	17.6	102
Condensed and evaporated whole milk	9.0	4.3	4.1	4.1	3.8	93
Fluid milk and cream (product weight)	303.0	260.0	257.0	254.0	250.0	98
Ice cream (product weight)	17.8	17.5	17.4	17.1	17.3	101
Fats and Oils - Total fat content	49.4	53.0	54.6	55.8	55.9	100
Butter (actual weight)	5.5	4.3	4.4	4.5	4.4	98
Margarine (actual weight)	10.5	11.4	11.2	11.2	11.2	100
Lard	5.4	2.2	2.2	2.5	2.5	100
Shortening	15.9	17.2	17.8	18.4	18.3	99
Other edible fats and oils	15.2	21.0	22.1	22.4	22.7	101
Fruits:						
Fresh	79.1	79.3	79.6	80.3	84.0	105
Citrus	30.6	25.5	25.7	23.8	27.8	117
Non-citrus	48.5	53.8	53.9	56.5	56.2	99
Processed:						
Canned fruit	22.6	19.2	18.1	18.1	17.4	96
Canned juice	11.7	13.7	16.5	17.0	17.3	102
Frozen (including juices)	10.1	14.1	12.6	12.6	12.7	101
Chilled citrus juices	4.4	5.7	6.1	5.5	5.9	107
Dried	2.8	2.5	2.1	2.7	2.9	107
Vegetables:						
Fresh ³	90.8	93.4	95.3	97.5	99.9	102
Canned (excluding potatoes and sweet potatoes) ..	49.0	53.1	51.9	52.3	49.8	95
Frozen (excluding potatoes)	9.0	10.2	10.7	11.2	10.4	93
Potatoes ⁴	105.5	67.2	64.9	67.1	66.2	99
Sweet potatoes ⁴	5.3	4.4	4.9	4.9	4.4	90
Grains:						
Wheat flour ⁵	112	115	115	117	117	100
Rice	7.5	7.5	5.7	9.4	9.3	99
Other:						
Coffee	11.1	6.9	7.9	8.5	7.8	92
Cocoa	3.4	2.6	2.7	2.6	2.6	100
Peanuts (shelled)	5.7	6.3	6.8	6.8	6.1	90
Dry edible beans	6.9	6.0	5.7	6.3	6.5	103
Melons	20.3	18.1	19.8	18.8	16.9	90
Sugar (refined)	98.3	94.2	91.4	89.3	83.6	94
Corn sweeteners ⁶	NA	35.3	39.2	43.6	48.5	111
Civilian population ⁶ (millions)	195.3	214.7	216.6	218.5	220.3	101

¹Quantity in pounds, retail weight, unless otherwise shown. Data on calendar year basis except for dried fruits, fresh citrus fruits, peanuts, and rice, which are on a crop-year basis. ²Preliminary.

³Commercial production for sale as fresh produce. ⁴Including fresh equivalent of processed. ⁵White,

whole wheat, and semolina flour, including use in bakery products. ⁶July 1 civilian population used to derive per capita figures except for sugar, dried fruits, peanuts, and rice.

Source - Agricultural Outlook - January-February 1982